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US-08-596-100-3 US-08-208-886C-75 US-08-208-886C-75 US-08-208-886C-75 US-08-104-744-75 US-09-513-999C-10174 US-09-513-999C-10174 US-09-513-999C-10180 US-09-248-796A-10180 US-09-248-796A-10180 US-09-248-796A-10180 US-09-313-294A-3137 US-09-513-999C-2486 US-09-513-999C-2486 US-09-513-999C-313-294A-3137 US-09-513-999C-313-294A-3137 US-09-513-999C-313-294A-3137 US-09-513-999C-3186 US-09-513-999C-3186 US-09-513-999C-3186 US-09-513-999C-31815 US-09-513-999C-31815 US-09-513-999C-31815 US-09-270-767-1266 US-09-513-999C-31815 US-09-270-767-1266 US-09-270-767-1266 US-09-270-767-1266 US-09-2107-313-12 US-09-2107-313-12 US-09-210-313-12 US-09-210-313-12 US-09-210-313-186 US-09-210-313-186 US-09-210-313-186 US-09-210-313-186 US-09-210-313-186 US-09-210-313-186 US-09-210-313-186 US-09-513-998C-313 US-09-513-998C-313 US-09-513-998C-313 US-09-513-998C-313 US-09-513-998C-313 US-09-513-998C-313 US-09-513-998C-313 US-09-513-998C-35 US-09-513-976-10413 US-09-513-998C-35 US-09-513-998C-35 US-09-513-976-10413	US-09-621-976-17916 US-09-270-767-22489 US-09-328-111-51 US-09-198-284-1 US-09-198-284-1 US-09-198-284-3 US-08-987-122-3 US-09-987-122-3 US-09-583-110-773 US-09-583-110-773 US-09-583-110-773 US-09-949-016-18938 US-09-949-016-18938 US-09-949-016-18993
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E: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
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                                                                                                                                                                                                                                                                                                                                           NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REPERENCE/DOCKET NUMBER: P-WR 2106
TELECOMMUNICATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 TTCGCGACCCAACACTACTC 20
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INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                  California
: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
CORRESPONDENCE ADDRESS:
                         STREET: 4370 La
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-494-332A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                  STATE: CA
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LENGTH: 27
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APPLICANT: Linnen, J.M.
APPLICANT: Linnen, J.M.
APPLICANT: Linnen, J.M.
TITLE OF INVENTION: CLICONUCLEOTIDE PRIMERS FOR EFFICIENT
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: UNMER: 60/118,497
PRIOR FILING DATE: 1999-02-03
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FASESEQ for Windows Version 3.0
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179676,
180761,
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                                                     Sequence 1
Sequence 1
Sequence 1
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Sequence 1
Sequence 1
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               Sequence
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| Sequence 21, Application US/08648272
| Patent No. 6107028
| GENERAL INFORMATION:
| APPLICANT: Kay, Mark A.
| APPLICANT: Lieber, Andre
| TITLE OF INVENTION: Ribozymes for Treating Hepatitis C
| NUMBER OF SEQUENCES: 24
                                               US-09-949-016-150286
US-09-949-016-150287
US-09-949-016-151641
US-09-949-016-151642
US-09-949-016-151838
US-09-949-016-158282
US-09-949-016-159966
US-09-949-016-159974
US-09-949-016-165862
US-09-949-016-165862
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US-09-949-016-169379
US-09-949-016-169380
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US-09-949-016-180762
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                                                                                                                                                                                                                                                                                                                                               ALIGNMENTS
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                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13, Application US/09493353
Patent No. 6638714
GENERAL INFORMATION:
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    US-09-493-353-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 13
LENGTH: 25
     FEATURE:
                                                                                                                                                                                                               C 993
C 995
C 995
996
C 999
C 999
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Sequence 12, Application US/09494332A

Sequence 12, Application US/09494332A

Patent No. 6623919

GENERAL INFORMATION:
APPLICANT: GORMAN, Kevin
APPLICANT: INNEN, Jeffrey
APPLICANT: INNEN, Jeffrey
APPLICANT: LINNEN, Jeffrey
APPLICANT: 2009, 12286-023

CURRENT PILING DATE: 2009, 128, 98

FRIOR APPLICATION NUMBER: US/09/494, 332A

CURRENT FILING DATE: 1999-02-03

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin version 3.0
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/W0-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 15-MAY-1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0%; Pred. No. 0.003;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/534,220
FILING DATE: 11-SEP-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/476,257
FILING DATE: 07-UN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/357,508
FILING DATE: 14-DEC-1994
ATTORNEV/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
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Gaps
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Fatent No. 574724
GENERAL INFORMATION:
APPLICANT: Sheridan, Patrick
APPLICANT: Chang, Chu-An
APPLICANT: Running, Joyce
APPLICANT: Urdea, Michael S.
TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
TITLE OF INVENTION: PROBES ON POLYSTYRENE SURFACES
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION - R440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 20; DB 1; Length 33; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 20; Conservative 0; Mismatches 0; Indels
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STRY: ENL.

STRY: ENL.

STRY: COUNTRY: USA

ZIP: 94662-8097

COMPUTER READABLE FORM:

MEDTUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/813,338A

FILING DATE: 3-DEC-1991

CLASSIFICATION NUMBER: 34,174

REFERENCE/DOCKET NUMBER: 34,174

REFERENCE/DOCKET NUMBER: 34,174

REFERENCE/DOCKET NUMBER: 0232.001

TELEPHONE: (510) 655-3542

TELEPHONE: (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: CHIRON CORPORATION - R440
STREET: P.O. Box 8097
CITX: Emeryville
                      PRICE APPLICATION DATA:
APPLICATION NUMBER: US 07/813,338
FILING DATE: 23-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Kenneth, M.
REGISTRATION NUMBER: 34,174
REFERNICE/DOCKET NUMBER: 0232.001
TELEPHONE: (510) 601-2719
TELEPHONE: (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10 Tregedacceaacactacte 29
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
EDNESS: single
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EDNESS: single
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     CLASSIFICATION:
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US-07-813-338A-50
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US-07-813-338A-50
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TOPOLOGY:
US-08-438-639-50
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Sequence 12, Application US/09493353

Patent No. 6638714

GENERAL INPORMATION:
APPLICANT: Johnson & Johnson
APPLICANT: Johnson & JOHNSON
TITLE OF INVENTION: OLIGONUCLEOTIDE PRIMERS FOR EFFICIENT
TITLE OF INVENTION: DISCONUCLEOTIDE PRIMERS FOR EFFICIENT
TITLE OF INVENTION: DISCONUCLEOTION OF HEPATITIS C VIRUS (HCV) AND METHODS OF USE
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: DISCONUCLEOTION OF HEPATITIS C VIRUS (HCV) AND METHODS OF USE
CURRENT FILING DATE: 2000-01-28

PRIOR PRILING DATE: 2000-01-28

PRIOR PRILING DATE: 1999-02-03

NUMBER OF SEQ ID NOS: 15
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Patent No. 5712383
GENERAL INFORMATION:
APPLICANT: Sheridan, Patrick
APPLICANT: Chang, Chu-An
APPLICANT: Chang, Chu-An
APPLICANT: Urdea, Michael S.
TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
TITLE OF INVENTION: PROCESS FOR IMMOBILIZING NUCLEIC ACID
TITLE OF INVENTION: PROCESS:
APPLICANT: CHIRON CORPORATION - R440
STREET: P.O. Box 8097
CORRESPONDENCE ADDRESS:
ADDRESSE: CHIRON CORPORATION - R440
STREET: P.O. Box 8097
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94662-8097
COMPUTER: READBABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC-COMPATIBLE
COMPUTER: BENDER READBABLE FORM:
COMPUTER: BENDER READBABLE FORM:
COMPUTER: BENDER READBABLE FORM:
COMPUTER: BENDER COMPATIBLE
COMPUTER: DEPORTER: PC-DOS/MS-DOS
CORPUTER: PATER FEADBABLE FORM:
COMPUTER: DEPORTER: PC-DOS/MS-DOS
CORPUTER: DEPORTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ;
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                                                   100.0%; Score 20; DB 4; Length 27; 100.0%; Pred. No. 0.003; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 20; DB 4; Length 27; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 20; Conservative 0; Mismatches 0; Indels
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CURRENT APPLICATION DATA:
PLICATION WINDER: US/08/438,639
FILING DATE: 10-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Oligonucleotide primer US-09-493-353-12
                                                                                                                                                                                           4 TTCGCGACCCAACACTACTC 23
                                                                                                                                                               1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                       Ouery Match
Best Local Similarity 100.0
Matches 20, Conservative
US-09-494-332A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-438-639-50
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LENGTH: 27
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Query Match 100.0%; Score 20; DB 3; Length 33; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 20; Conservative 0; Mismatches 0; Indels
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APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
FITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERAING SYSTEM: MA-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFFWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
                         NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSE: Wolf, Greenfield & Sacks,
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                               CUCKENI AFFILICATION NUMBER: US/08/41,971
FILING DATE: 16-MAY-1995
CLASSIPICATION NUMBER: US/08/221,653
FRICH APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE: APPLICATION NUMBER: US/07/881,528
FILING DATE: APPLICATION NUMBER: US/07/891,528
FILING DATE: APPLICATION NUMBER: US/07/891,528
ATPLICATION NUMBER: US/07/891,7326
FILING DATE: B MAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECHOME: (617) 720-2360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 126, Application US/08221653
Patent No. 6190864
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INPORMATION FOR SEQ ID NO: 126:
SEQUENCE CHRRACTERISTICS:
LENGTH: 33 nucleotides
                                                                            ADDA...
STREET: 60v.
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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Best Local Similarity 100.0%; Pred. No. 0.003;
Matches 20; Conservative 0; Mismatches 0; Indels
Query Match 100.0%; Score 20; DB 1; Length 33; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,124
                                                                                                                                                                                                                                              US-08-470-124-60
Sequence 60, Application US/08470124
SAPLICANT: Urdea, Michael S.
APPLICANT: Horn, Thomas
APPLICANT: Warner, Brian
APPLICANT: GANGE COMB-TYPE BRANCHED
TITLE OF INVENTION: POLINUCLEOTIDES
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STREET: SABISTERIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 126, Application US/08441971
Patent No. 6071693
GENERAL INFORMATION:
AND TAI-AN CHA
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Ciotti, Thomas E.
REGISTRATION NUMBER: 21,013
REFERENCE/DOCKET NUMBER: 22300-20104.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/813,588
FILING DATE: 23 December 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                      1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TICGCGACCCAACACTACTC 20
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TELEFAX: 706141
INFORMATION FOR SEQ ID NO: 60
SEQUENCE CHARACTERISTICS:
STORYH: 33 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear
US-08-470-124-60
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US-08-441-971-126
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                                                                                                                                                                                                                                            Query Match 100.0%; Score 20; DB 3; Length 33; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 126, Application US/08441970

Patent No. 6297370

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue

STATE: Massachusetts

CONNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: BM compatible
COMPUTER: Wordberfect 5.1

CORTWARE: Wordberfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1991
ATTORNEY/AGGNT INFORMATION:
NAME: Jahiuk, Anthony J.
REGISTRATION NUMBER: 07/697,326
FILING DATE: MAY-1991
ATTORNEY/AGGNT INFORMATION:
NAME: Jahiuk, Anthony J.
REGISTRATION NUMBER: 07/697,326
FILING DATE: MAY-1991
ATTORNEY/AGGNT INFORMATION:
NAME: JAHIUM NUMBER: 07/697,326
ATTORNEY/AGGNT INFORMATION:
NAME: JAHIUM NUMBER: 07/697,326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INCORMATION:
TELEPHONE: (617) 720-3500
TELEBRAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                           10 Tresesacceaectaere 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: EZEKIEL INFORMATION FOR SEQ ID NO: 126: SEQUENCE CHARACTERISTICS:
                 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 33 Nucleotides TYPE: Nucleic Acid STRANDEDNESS: Single TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20; Conservative
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                                                                                                                                                                 MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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Matches 20; Conserv
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                                                                                                                                                                                             US-08-442-144A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 11
US-08-441-970-126
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  TELEX:
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Best Local Similarity 100.0%; Pred. No. 0.003;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 126, Application US/08442144A

Patent No. 6214583

GENERAL INFORMATION:
APPLICANT: Tai.An Cha
APPLICANT: Eileen Beall
APPLICANT: Janice Kolberg
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
                                                                                                                                                            FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
MAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELECHONE: (617) 720-350
TELEFAX: (617) 720-2441
TELEFAX: (617) 720-2461
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 nucleotides
TYPE: nucleotides
TYPE: nucleotides
TYPE: nucleotides
STRANDEDNESS; single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA

ZIP: 94608-2916

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION UNBER: US/08/421,653
FILING DATE: ARRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Doreen Yarko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10 TTCGCGACCCAACACTACTC 29
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                       FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-442-144A-126
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APPLICANT: URDEA, MICHAEL S.
APPLICANT: URDEA, MICHAEL S.
APPLICANT: WALNER, BRIAN D.
APPLICANT: WALNER, BRIAN D.
APPLICANT: COLLINS, MARK
TITLE OF INVENTION: SOLUTION PHASE NUCLEIC ACID SANDWICH
TITLE OF INVENTION: ASSAYS HAVING REDUCED BACKGROUND NOISE
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 20; DB 4; Length 40; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                 Score 20; DB 3; Length 40;
Pred. No. 0.003;
Mismatches 0; Indels
                                                                                          Query Match 100.0%; Score 20; DB Gest Local Similarity 100.0%; Pred. No. 0.00 Best Local Amarches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/790,417
CURRENT FILING DATE: 2001-02-22
PRIOR PILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1998-07-21
PRIOR FILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PATENTING DATE: 1998-07-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: PATENTIN VET. 2.0
SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: probe for Hepatitis C
                                                                                                                                                                                                                                                                                                                                                                     US-09-790-417-181/c; Sequence 181, Application US/09790417; Sequence 181, Application US/09790417; Patent No. 6730479; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10, Application US/08429181
Patent No. 5635352
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                                                                                                                                                                                                                                                                   29 Tresedacecaacactacte 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lieppe, Donna
Mandrekar, Michelle
Kephart, Daniel
Rhodes, Richard B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Hartnett, James R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Hepatitis C virus
                    TYPE: DNA; CRGANISM: Hepatitis C virus US-09-406-147-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Shultz, John W APPLICANT: Lewis, Martin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Olson, Ryan J.
Wood, Keith W.
Welch, Roy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gu, Trent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-790-417-181
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LENGTH: 40
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APPLICANT:
APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SINILE, John W
APPLICANT: Lewis, Martin K
APPLICANT: Lewis, Martin K
APPLICANT: Lewis, Martin K
APPLICANT: Lewis, Donnal
APPLICANT: Lewis, Donnal
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B
APPLICANT: Rhodes, Christine A
APPLICANT: Andrews, Christine A
APPLICANT: Andrews, Christine A
APPLICANT: Mood, Keith V
APPLICANT: Wealch, Roy
TITLE OF INVENTION: EXOGENOUS NUCLEIC ACID DETECTION
TITLE OF INVENTION: EXOGENOUS NUCLEIC ACID DETECTION
CURRENT APPLICATION NUMBER: 09/046,147
CURRENT FILING DATE: 1999-09-27
CURRENT FILING DATE: 1999-02-18
EARLIER FILING DATE: 1999-03-18
EARLIER FILING DATE: 1999-03-18
SARLIER FILING DATE: 1999-03-18
SARLIER FILING DATE: 1998-03-18
NUMBER OF SEQ ID NOS: 92
SOFWWARE: Patentin Ver. 2.0
                                                                                    Sequence 181, Application US/09358972
Patent No. 6235480
GERERAL INFORMATION:
GERERAL INFORMATION:
APPLICANT: Lewis, Martin K.
APPLICANT: Lewis, Martin K.
APPLICANT: Lewis, Martin K.
APPLICANT: Kephart, Daniel
APPLICANT: Roblart, Daniel
APPLICANT: Roblart, Daniel
APPLICANT: Roblart, Daniel
APPLICANT: Mandrekar, Micharle
APPLICANT: Hartnett, James R.
APPLICANT: Hartnett, James R.
APPLICANT: Weach, Ryan J.
APPLICANT: Weach, Ryan J.
APPLICANT: Weach, Ryan J.
APPLICANT: Weach, Roy
TILLE OF INVENTION: Nucleic Acid Detection
FILE REPERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/358, 972
CURRENT PILING DATE: 1999-07-22
BARLIER PILING DATE: 1999-07-22
BARLIER PILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SEQ ID NO 181
LENGTH: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: probe for Hepatitis C US-09-358-972-181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 43, Application US/09406147 Patent No. 6270974
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                                                                             US-09-358-972-181/c
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RESULT 17
US-09-798-641-31
; Sequence 31, Application US/09798641
; Patent No. RE38442
; GENERAL INFORMATION:
; HAPPLICANT: Zhang, David Y., Brandwein, Margaret
; TILE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD (HSAM)
TITLE OF INVENTION: A2
                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 20; DB 1; Length 46; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
STREET: 30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
STATE: NW TOIR
STATE: NW TOIR
STATE: NU
COUNTRY: USA
ZIP: 10112-02A
ZIP: 10112-02A
ZUBIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASSEQ Version #1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/798,641
FILING DATE: 02-Mar-2001
CLASSIFICATION: 435
PRIOR APPLICATION WUMBER: US/08/690,495
FILING DATE: «UNKNOWN-
APPLICATION NUMBER: US/08/690,495
FILING DATE: «UNKNOWN-
ATTORNEY/AGENT INFORMATION:
NAME: MacLead, Janet M.
REFERENCE/BOCKET NUMBER: 35,263
REFERENCE/BOCKET NUMBER: 35,263
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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sEQUENCE DESCRIPTION: SEQ ID NO: 31: US-09-798-641-31
                                                0300.001
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                REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0300
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELERAX: (510) 655-3542
TELEX: N/A
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 212-408-2597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 108 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 212-765-2519 INFORMATION FOR SEQ ID NO: 31:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) US-08-164-388-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
  GOLDMAN, KENNETH M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: New York
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Patent No. 5681697

GENERAL INPORMATION:
APPLICANT: URDEA, MICHAEL S.
APPLICANT: WARNER, BRIAN D.
APPLICANT: COLLINS, MARN BRIAN D.
ANDRESSEE: CHIRON CORPORATION - INTELLECTUAL PROPERTY
ADDRESSEE: R440
STREET: 4560 HORTON STREET
CITY: EMERYVILLE
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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100.0%; Score 20; DB 1; Length 46;
Best Local Similarity 100.0%; Pred. No. 0.003;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                        ZUP: 94608-2916

ZUP: 94608-2916

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,181
FILING DATE: 26-APR-1995
CLASSIPICATION: 435
PRIOR APPLICATION NUMBER: US 08/164,388
FILING DATE: 08-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: GOLDWAN, KENNETH M.
REGISTRATION NUMBER: 34,174
REGISTRATION NUMBER: 34,174
REGISTRATION NUMBER: 0300.001
TELEPHONE: (510) 601-2719
TELEPHONE: (510) 655-3542
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ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: N/A
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 base pairs
4560 HORTON STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-429-181-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                   EMERYVILLE
CALIFORNIA
                                                               COUNTRY: USA
ZIP: 94608-2916
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Sequence 31, Application US/09299217
; Patent No. 6569647
; GENERAL INFORMATION:
APPLICANT: Zhang, David Y., Brandwein, Margaret
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
HYBRIDIZATION SIGNAL AMPLIFICATION METHOD (HSAM)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond STREET: 30 Rockefeller Plaza
CITY: New York
                                                                                                                                                                                                                                                                                                          CLASSIFUCATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacLeod, Janet MacLeod, Janet MacLeod, Janet Medicity Michael Structure Colored Number: 29545-A-PCT/USA-B TELECOMMUNICATION INPORMATION:
TELEPHONE: 212-408-2597
TELEFAX: 212-765-2519
INFORMATION FOR SEC ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 base pairs
TYPE: nucleic acid
STRANDBNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 20; DB 2;
100.0%; Pred. No. 0.0029;
tive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPURY: USA
ZIP: 10112-0228
COMPUTER READABLE FORM:
MEDIUM TYBE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FRASEQ VERSION #1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,217
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FILING DATE: UDKNOWN>
ATTORNEY/AGENT INFORMARION:
NAME: MACLEGO, Janet M.
REGISTRATION NUMBER: 35,263
                                                                                                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASSEQ Version #1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/690,494
FILING DATE:
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CLASSIFICATION: <Unknown>
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30 Rockefeller Plaza
                                                                                          ZIP: 10112-0228
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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; LOCATION: 1..108
US-08-690-494-31
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Matches 20; Conservative
                           New York
                                                                        USA
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                                                                           COUNTRY:
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US-08-690-494-31
Sequence 31, Application US/08690494
Sequence 31, Application US/08690494
GENERAL INFORMATION:
APPLICANT: Zhang, David Y., Brandwein, Margaret
TITLE OF INVENTION: HYBRIDIZATION SIGNAL AMPLIFICATION METHOD:
TITLE OF INVENTION: HYBRIDIZATION SIGNAL AMPLIFICATION METHOD (HSAM)
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brunbaugh, Graves, Donohue & Raymond
                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Zhang, David Y., Brandwein, Margaret
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
TITLE OF INVENTION: HYBRIDIZATION SIGNAL AMPLIFICATION METHOD (HSAM)
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
STREET: 30 Rockefeller Plaza
CITY: New York
STREET: 30 Rockefeller Plaza
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Score 20; DB 1; Length 108; Pred. No. 0.0029;
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                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29545-A-PCT/USA-A
Query Match 100.0%; Score 20; DE Best Local Similarity 100.0%; Pred. No. 0.0 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASSEQ Version #1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/690,495
                                                                                                                                                                                                                                           US-08-690-495-31
; Sequence 31, Application US/08690495
; Patent No. 5876924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacLeod, Janet M.
REGISTRATION NUMBER: 35,263
REPRENCE/DOCKET UNMBER: 29549
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-408-2597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TTCGCGACCCAACACTACTC 20
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                                                                                               1 TTCGCGACCCAACACTACTC 20
                                                                                                                                               4 rrceceaeceaeceaeceaece 23
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INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) NAME/KEY: misc feature
; LOCATION: 1..108
US-08-690-495-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 10112-0228
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Sequence 31, Application PC/TUS9507671
GENERAL INFORMATION:
APPLICANT: Zhang, David Y.
TITLE OF INVENTION: LIGATION-DEPENDENT AMPLIFICATION FOR THE
TITLE OF INVENTION: DETECTION OF INFECTIOUS PATHOGENS AND ABNORMAL GENES
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
STREET: 30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ..
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Pred. No. 0.0029;
Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA

CONPUTER READABLE FORM:
MEDIUTH TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07671
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan
APPLICANT: Chan, Shiu-Wan
APPLICANT: Yap, Peng L.
TITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
STREET: 1211 East Morehead Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-244-116B-12/c; Sequence 12, Application US/08244116B; Patent No. 5763159
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100.0%; Pre
                                      TTCGCGACCCAACACTACTC 20
                                                                                             4 Tregedeceaacacraere 23
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STREE: 1211 ...
CITY: Charlotte
....TR: No. 5763159th Carolina
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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Seide, Rochelle K.
REGISTRATION NUMBER: 32,300
REFERENCE/DOCKET NUMBER: 2954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-408-526
TELEFAX: 212-408-529
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 TTCGCGACCCAACACTACTC 20
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MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0
....hes 20; Conservative
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LOCATION: 1..108
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Sequence 31, Application US/09728265

Patent No. 65930866

GENERAL INFORMATION:
APPLICANT: Zhang, David Y.

TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION METHOD:
TITLE OF INVENTION: RAMIFICATION-EXTENSION AMPLIFICATION METHOD (RAM)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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ZIP: 10038
COMPUTER READABLE FORM:
MEDLUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/728,265
FILING BATE:
CLASSIFICATION:
REFERENCE/DOCKET NUMBER: 29545-A-PCT/USA-B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 20; DB 4;
Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc feature
LOCATION: 1..108
SEQUENCE DESCRIPTION: SEQ ID NO: 31:.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 180 Maiden Lane
CITY: New York
                                      TELECORPUNAL CARLOS TELEPHONE: 212-408-2597
TELEPAX: 212-408-2597
TELEPAX: 212-408-2597
TELEPAX: 212-408-2597
TELEPAX: 212-408-2597
TELEPAX: 212-408-2597
TYPE: nucleic acid
STRANDEDENSS: single
                                TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 Tregedacechachere 23
                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.0%;
Matches 20; Conservative 0
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MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              misc_feature
1..108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , LOCATION:
US-09-728-265-31
                                                                                                                                                                                                                                                                                                                                             FEATURE
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                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 20; DB 3; Length 232; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94104

CORPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                      FORS-03268
             REFERENCE/DOCKET NUMBER: FORS-0326
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TUPPE: nucleic acid
STRANDEDNESS: double
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
BESCRIPTION: /desc = "DNA"
US-09-034-205-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                            199 Tregedacecaacactacte 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFRENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                       1 TTCGCGACCCAACACTACTC 20
REGISTRATION NUMBER: 38,230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / Match 100.0%; Score 20; DB 1; Length 194; Local Similarity 100.0%; Pred. No. 0.0029; nes 20; Conservative 0; Mismatches 0; Indels
                                                  COMPUTER KEALBLE FURKA:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM:
SOFTWARE: Patentin Release #1.0. Version #1.30
SOFTWARE: Patentin Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-0410-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
FILING DATE: 20-NOV-1992
ATORNEY AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 1749-125
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 37, Application US/09034205
Patent No. 6194149
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           189 TTCGCGACCCAACACTACTC 170
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Hepatitis-C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION: NAME: MacKnight, Kamrin T.
                                                                                                                                                                                                                                                                                                                                                                                                       TELEPATONE: 704-377-1561
TELEPAT. 704-334-2014
INFORMATION FOR SEQ 1D NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 194 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
United States
                        ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: CDNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-034-205-37/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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Matches
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APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
TITLE OF INVENTION: OLIGONUCLEOTIDES
TITLE OF INVENTION: OLIGONUCLEOTIDES
TITLE OF INVENTION: OLIGONUCLEOTIDES
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR APPLICATION NUMBER: 09/034,205
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 37
LENGTH: 232
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                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/677,218B

FILING DATE: 02-0ct-2000

CLASSIFTCATION: «Unknown>

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 20; DB 3; Length 232; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 0; Mismatches 0; Indels
                   STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-677-218B-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 37-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 37, Application US/09677192
Patent No. 6358691
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             199 rrceceaeceaeceraere 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-37
                                                               STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 28
US-09-677-192-37/c
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                                                                                                                                                                                                                         APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Dyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Pors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 232;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 20; DB 3; L. Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FORS-02777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-677-218B-37/c
; Sequence 37, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
                                                                                                                                                    Sequence 37, Application US/08851588 Patent No. 6214545
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     199 TTCGCGACCCAACACTACTC 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
ATORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : 232 base pairs
nucleic acid
EDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                   US-08-851-588-37/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-851-588-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
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Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 232;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: DATE PC COMPATIBLE

COMPUTER: OF COMPATIBLE

COMPUTER: DATE PC COMPATIBLE

COMPUTER: PAPELICATION DATA:

APPLICATION NUMBER: US/09/676,768

FILING DATE: 02-Oct-2000

CLASSIFICATION 1435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/851,588

FILING DATE: 05-MAY-1997

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 20; DB 4;
100.0%; Pred. No. 0.0029;
tive 0; Mismatches 0
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: FORS-02777
                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-825-574-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 225 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Ingolia, Diane E. REGISTRATION NUMBER: 40,027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lyamichev, Victor I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-676-768-37/c
; Sequence 37, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
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Dahlberg, James E.
                                                                                                                                              TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
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Best Local Similarity 100.
Matches 20; Conservative
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GENERAL NO. 9 79303

APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Bruce
APPLICANT: Bruce
APPLICANT: Neri, Bruce
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 37
LENGTH: 232
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Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 20; DB 4; Length 232; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Suite 2200
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APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: «UMANOWN»
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ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 220 Montgomery Street, CITY: San Francisco
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US-09-825-574-37/c
US-09-825-574-37/c
Sequence 37, Application US/09825574
Fatent No. 6709819
GENERAL INFORMATION:
HOPPLICANT: Lyanichev, Victor I.
Frow, Mary Ann D.
Fors, Lance
Nexi, Bruce P.
Nexi, Bruce P.
                                                                                                                             RESULT 29
US-09-402-618B-37/c
; Sequence 37, Application US/09402618B
; Patent No. 6709815
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              1 TICGCGACCCAACACIACIC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
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CA
USA
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US-08-934-097A-32/c
                                                                                                                                                                                                                                                94104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           S
                                                                                                                                                                                                            STATE: C. COUNTRY:
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                                                                                          Score 20; DB 4; Length 232;
Pred. No. 0.0029;
Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES NUMBER OF SEQUENCES: 68 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                          Query Match 100.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 0.0 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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NAME: MacKnight, Kamrin T.
REGISTRATION UNBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                  DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 37:
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DESCRIPTION: /desc = "DNA"
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Patent No. 6194149
GENERAL INFORMATION:
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Patent No. 6194149
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPE
TITLE OF INVENTION: STRUCTURE-B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                    US-09-676-768-37
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Bros, Lance
APPLICANT: Neri, Burce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Nori, Lance
APPLICANT: Nori, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 20; DB 3; Length 239; 100.0%; Pred. No. 0.0029; Pred. No. 0.10029; Ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
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San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CRARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDENESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDLEN & CARROLL, LLP
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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DESCRIPTION: /desc = "DNA"
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Matches 20; Conservative
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MEDIUM TYPE: Floppy of COMPUTER: IBM PC comp
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Gaps
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Sequence 32, Application US/08851588

Patent No. 624545

GENERAL INFORMATION:
APPLICANT: Dyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Prudent, James E.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                    ;
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                                                                                                  Length 239;
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                                                                                                                                                    Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                100.0%; Score 20; DB 3; I
ilarity 100.0%; Pred. No. 0.0029;
Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPANE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
     other nucleic acid
/desc = "DNA"
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                                                                                                                                                                                                                                  206 TTCGCGACCCAACACTACTC 187
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TYPE: nucleic acid
STRANDEDNESS: double
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Best Local Similarity 100.
Matches 20, Conservative
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                                                                                                                            Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
     MOLECULE TYPE:
                               DESCRIPTION:
US-08-934-097A-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
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US-08-851-588-36/c
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                                                                                                        Query Match
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TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SUPCENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, ILP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
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MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
ATTONREY/AGENT INFORMATION:
NAME: MACKHIGH, Kamrin T:
REGISTRATION NUMBER: 38,230
REFRENCE/POCKET NUMBER: 38,230
TELEPANICATION INFORMATION:
TELEPANICATION NUMBER: 38,230
TELEFRANICATION NUMBER: 38,230
TELEPANICATION NUMBER: 38,230
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamtin T.
REGISTRATION NUMBER: PORS-02980
TELERANTON NUMBER: 18,230
REFERENCE/POCKET NUMBER: PORS-02980
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 705-8410
TELEPA: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32: SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-934-097A-36/c
; Sequence 36, Application US/08934097A
; Patent No. 6210880
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES NUMBER OF SEQUENCES: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 20; DB 3; Length 239; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
     SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                  CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-0ct-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNBER: 09/034,205
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamrin T.
REGISTRATION NUMBER: 39,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELEFRACE/DOCKET NUMBER: FORS-03268
TELEFRAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
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NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELECHONE: (415) 705-8410
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DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-677-218B-32
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US-09-677-218B-36/C
; Sequence 36, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Fors, Lance
Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             206 rrceceaeceaecacraere 187
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TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
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ZIP: 94104
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                                                                 APPLICANT: FIGURE A. Admes A. APPLICANT: FIGURE A. APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Purcture Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: ADDRESSE: ADDRESSE: ADDRESSE: ADDRESSEE: CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
STATE: CA
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 239;
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ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                             ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 20; DB 3;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-677-218B-32/c; Sequence 32, Application US/09677218B Parent No. 6355437; GENERAL INFORMATION:
Dong, Fang
Lyamichev, Victor I.
Prudent, James R.
Dahlberg, James E.
Fors, Lance
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STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         239 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
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Gaps

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NUMBER OF SEQ ID NOS: 128
SOFWHARE: Patentin version 3.0
SEQ ID NO 32
LENGTH: 239
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                  ; ORGANISM: Hepatitis C virus US-09-677-192-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 20; Conserv
                                                                                                        Best Local Similarity
Matches 20; Conserv
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LENGTH: 239
TYPE: DNA
                                                                                     Query Match
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Patent No. 6358631

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Pors, Lance
APPLICANT: Neri, Bruce
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
TITLE OF INVENTION: TARGET-DEPENDENT
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT FILING DATE: 1998-03-03
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
SOCTWARE: PatentIn Ver. 2.0
SEQ ID NO 36
LENGTH: 239
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Evamichev, Victor I.
APPLICANT: Evamichev, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
TITLE OF INVENTION: OLIGOMICLEOTIDES
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR PRIOR DATE: 1998-03-03
NUMBER OF SOFTWARE: Patentin Ver. 2.0
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Pred. No. 0.0029;
; Mismatches 0; Indels
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100.0%; Score 20; DB 3; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                             TOPOLGGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                   206 TTCGCGACCCAACACTACTC 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 32, Application US/09677192
Patent No. 6358691
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                    SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
  INFORMATION FOR SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Hepatitis C virus US-09-677-192-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 40
US-09-677-192-32/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER
SOFTWARE: Pace
SEQ ID NO 32
                                                                                                                                                                                                     US-09-677-218B-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Prudanichev, Victor
APPLICANT: Prudant, James
APPLICANT: Pors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-402-618B-36/C

JEACHARD SOUR STATE OF THE SEQUENCE SEQUENCE 36, APPLICANT: DARBICAL INFORMATION:

APPLICANT: Dang, Fang
APPLICANT: Dang, Fang
APPLICANT: Prudent, James
APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: APPLICANT: Anderson, Todd
APPLICANT: APPLICANT: Anderson, Todd
APPLICANT: APPLICANT: Anderson, Todd
APPLICANT: APPLICANT: ANDERSON James
APPLICANT: APPLICANT: ANDERSON James
APPLICANT: APPLICANT: WINDER: US/09/402,618B
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PATENTIN VETSION 3.0
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100.0%; Score 20; DB 3; Length 239; ilarity 100.0%; Pred. No. 0.0029; Conservative 0; Mismatches 0; Indels
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Pred. No. 0.0029;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/402,618B CURRENT FILING DATE: 2000-07-18 PRIOR APPLICATION NUMBER: PCT/US98/03194 PRIOR FILING DATE: 1998-05-05
                                                                                                                                                                                                                         RESULT 42
US-09-402-618B-32/c
'Sequence 32, Application US/09402618B
'Patent No. 6709815
'GENERAL INFORMATION:
                                                                                                                                    206 TTCGCGACCCAACACTACTC 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             206 TTCGCGACCCAACACTACTC 187
                                                                                                      1 TTCGCGACCCAACACTACTC 20
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TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INPORMATION:
ATTORNEY/AGENT INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 20; DB 4; Length 239; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 32, Application US/09676768
Patent No. 6780586
GENERAL INFORMATION:
APPLICANT: Dong, Fang
                                                                APPLICANT: Lyamichev, Victor
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
  Sequence 36, Application US/09825574
                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  206 rrceceaeceaacacraere 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Prudent, James R.
Dahlberg, James E.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                     Patent No. 6709819
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 46
US-09-676-768-32/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-825-574-36
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                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Structure Probing With Structure-Bridging Oligonucleotides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
                                                                   Length 239;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRITY APPLICATION DATA:

APPLICATION NUMBER: US/09/825,574

FILING DATE: 03-Apr-2001

CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 20; DB 4; Length 239; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
                                           Score 20; DB 4; Lengtn 23.
Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 08/934,097

FILING DATE: «Unknown-
ATTORNEY/AGENT INFORMATION:

NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: FORS-02980

TELECOMMUNICATION INFORMATION:

TELEFRAX: (415) 39-8338

INFORMATION FOR SEQ ID NO: 32:
                                                                Query Match 100.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 0.0 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ;
DESCRIPTION: /desc = "DNA"
;
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-825-574-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
                                                                                                                                                                                         206 TTCGCGACCCAACACTACTC 187
                                                                                                                                                                                                                                                                                                                     Sequence 32, Application US/09825574 Patent No. 6709819 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     206 TTCGCGACCCAACACTACTC 187
                                                                                                                                                            1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEOUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF
                                                                                                                                                                                                                                                                             RESULT 44
US-09-825-574-32/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 45
US-09-825-574-36/c
       ; US-09-402-618B-36
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100.0%; Score 20; DB 4; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INPORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brore P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCES. 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 220 Montgomery Street, Suite 2200
ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REPERBUCE/DOCKET NUMBER: PORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                  LENGTH: 239 base pairs

TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                206 TTCGCGACCCAACACTACTC 187
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                                                                                                                                                          TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MACKINGHL, KAMLIN T.
REGISTRATION NUMBER: 38,230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-034-205-33/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ď
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
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TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 20; DB 4; Length 239; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/676,768

FILING DATE: 02-Oct-2000

CLASSIFCATION: 435

PRIOR APPLICATION DATA:
                                                                                         COMPUTER: IDOPY disk
COMPUTER: IBM PC compatible
COMPRATING SYSTEM: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
COPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-OCt-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: INGOINATION:
NAME: INGOINATION:
REFERENCE/DOCKET NUMBER: FORS-02777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-676-768-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dong, Fang
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
EMEPAR, (415) 397-8338
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 36, Application US/09676768 Patent No. 6780585 GENERAL INFORMATION:
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Prudent, James R.
Dahlberg, James E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 38
                                                    ZIP: 94104
COMPUTER READABLE FORM:
                           USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
    STATE: CA
COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CA
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Sequence 33, Application US/08934097A

Patent No. 6210880

GENERAL INFORMATION:
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
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   TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILLING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
TITLE OF INVENTION: TARGET-DEPENDENT REACTIC
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGG
WHERE OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET 220 MONLEOMETY Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET WIMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               208 TTCGCGACCCAACACTACTC 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 240 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    double
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USA
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 51
US-08-934-097A-33/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                      Length 240;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Pors, Lance
APPLICANT: Pors, Lance
APPLICANT: Nors, Lance
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .
                                  Query Match 100.0%; Score 20; DB 3; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
ATTORNEY AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 38, Application US/09034205; Patent No. 6194149; GENERAL INFORMATION: APPLICANT: Lyamichev, Victor I. APPLICANT: Brow, Mary Ann D. APPLICANT: Fors, Lance APPLICANT: Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 35, Application US/09034205
Patent No. 6194149
GENERAL INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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100.0%; Score 20; DB 3; Length 240; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
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100.0%; Score 20; DB 3; I
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0;
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US-08-851-588-33/C
US-08-851-588-33/C
; Sequence 33, Application US/08851588
; Patent No. 6214545;
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
; APPLICANT: Dahlberg, James E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                  207 TTCGCGACCCAACACTACTC 188
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ATTORNEY/AGENT INRORMATION:
NAWE: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
Query Match
Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                         ô
                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 20; DB 3; Length 240; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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ZIP: 94104
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                       ATTORNEY AGENT INFORMATION:

NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: FORS-02980

TELECOMMUNICATION INFORMATION:

TELEPHAN: (415) 39-83.8

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 435
ATTORNEY/ AGENT INFORMATION:
NAME: MACKAIGHT, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECHANE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 other nucleic acid /desc = "DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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DESCRIPTION:
US-08-934-097A-35
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Patent No. 6214545

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Prudent, James R.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                    FORS-02777
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DESCRIPTION: /desc = "DNA"
US-08-851-588-35
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DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          207 TTCGCGACCCAACACTACTC 188
                 CLASSIFICATION: 435
ATORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-TELECOMUNICATION: TELEPHONE: (415) 705-8410
TELEPHONE: (415) 705-8410
TELEFAX: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TENGTH: 240 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
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US-08-851-588-38/c
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Sequence 15, Application US/08851588

GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Dahlberg, James R.
APPLICANT: Fors, Lance
ITTLE OF INVENTION: Structure Probing
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES:
ADDRESSEE: MEDLEN & CARROLL, LLP
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 20; DB 3; Length 240; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                             ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPES Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 435
ATTORNEY, FAGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: 90,027
TELECOMUNICATION INFORMATION:
TELECHONE: (415) 705-8410
TELECHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/851,588
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    207 Trccccacccacctacrc 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
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RESULT 59
US-09-677-218B-38/c
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                                                                                                                                                                        Query Match
100.0%; Score 20; DB 3; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                    Length 240;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/09/677,218B

FILING DATE: 02-Oct-2000

CLASSIFICATION NUMBER: US/009/677,218B

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/034,205
                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
 Score 20; DB 3; Le
Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INCPRAFITOR:

ATTORNEY/AGENT INCPRAFITOR:

NAME: MACKIGHT, Kamrin T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: FORS-03268

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEPHONE: (415) 397-8338

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:

LENGTH: 240 base pairs

TYPE: nucleic acid

STRANDEDNESS: double
100.0%; Scor.
100.0%; Pred. No. u...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-677-218B-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 58
US-09-677-218B-35/c
; Sequence 35, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
                                                                                                               208 TTCGCGACCCAACACTACTC 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTCGCGACCCAACACTACTC 20
                                                                                      1 TTCGCGACCCAACACTACTC 20
          Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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Gaps
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Patent No. 6355437
GENERAL INFORMATION:
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: TRAGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                  TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLECTIDES NUMBER OF SEQUENCES: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 20; DB 3; Length 240; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: <URknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: Ca COUNTRY: USA
                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSES:
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 35:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         207 TTCGCGACCCAACACTACTC 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                      Neri, Bruce P.
                                                                                                                                                                                                                                                                                                      ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                                                                                                                                COUNTRY: USA
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# APPLICANT: Lyamichew, Victor I.
# APPLICANT: Lyamichew, Victor I.
# APPLICANT: Erow, Mary Ann D.
# APPLICANT: Erow, Lance
# APPLICANT: Neri, Eruce P.
# APPLICANT: Neri, Eruce P.
# TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
# TITLE OF INVENTION: OLIGONUCLEOTIDES
# TITLE OF INVENTION: OLIGONUCLEOTIDES
# TITLE OF INVENTION: OLIGONUCLEOTIDES
# TITLE OF INVENTION NUMBER: US/09/677,192
# CURRENT APPLICATION NUMBER: 09/034,205
# PRIOR FILING DATE: 1998-03-03
# NUMBER OF SEQ ID NOS: 68
# SOFTWARE: Patentin Ver. 2.0
# SEQ ID NO 35
# ILENGTH: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 38 Application US/09677192

| Sequence 38 Application US/09677192
| Patent No. 6358691
| GENERAL INFORMATION:
| APPLICANT: Lyamichev, Victor I.
| APPLICANT: Lyamichev, Victor I.
| APPLICANT: Brow, Mary Ann D.
| APPLICANT: Neri, Larger Dependent Reactions USING STRUCTURE-BRIDGING
| TITLE OF INVENTION: OLIGONUCLEOTIDES
| TITLE OF INVENTION: OLIGONUCLEOTIDES
| FILE REFERENCE: FORS-04708
| CURRENT APPLICATION NUMBER: US/09/677,192
| PRIOR APPLICATION NUMBER: 09/034,205
| PRIOR APPLICATION NUMBER: 09/034,205
| PRIOR FILING DATE: 1998-03-03
| NUMBER OF SEQ ID NOS: 68
| SEQ ID NO 38
| LENGTH: 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 20; DB 3; Length 240; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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US-09-402-618B-33/C
; Sequence 33, Application US/09402618B
; Patent NO. 6709BNA;
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
; APPLICANT: Fore, Lance
; APPLICANT: Fore, Lance
                                               Application US/09677192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 207 TTCGCGACCCAACACTACTC 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ), ORGANISM: Hepatitis C virus US-09-677-192-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 62
US-09-677-192-38/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-677-192-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ò
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Patent No. 6358691
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Nori, Bruce P.
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT APPLICATION NUMBER: US/09/677,192
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR FILING DATE: 1998-03-03
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OOPERATING SYSTEM: PC-DOS/M9-DOS
SOFFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 0-Cot-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION NUMBER: 09/034,205
FILING DATE: CLOKNOWN»
APPLICATION NUMBER: 09/034,205
FILING DATE: CLOKNOWN»
APPLICATION NUMBER: 09/034,205
FILING DATE: CLOKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: MACKIGHT, NUMBER: 38,230
REFERENCE/DOCKET NUMBER: PORS-03268
TELEPATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: 180,230
REFERENCE/DOCKET NUMBER: 180,230
TELEPAX: (415) 397-8338

INPORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
LENGTH: 240 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 20; DB 3; Length 240; 100.0%; Pred. No. 0.0029;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECTULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  207 TTCGCGACCCAACACTACTC 188
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; ORGANISM: Hepatitis C virus
US-09-677-192-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn Ve
SEQ ID NO 33
LENGTH: 240
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RESULT 61 US-09-677-192-35/c

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APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
APPLICANT: Dahlberg, James
APPLICANT: Dahlberg, James
APPLICANT: Dahlberg, James
TTLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 1900-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR RILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO 38
LENGTH: 240
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TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 03-Apr-2001
CLASSIFICATION: <unimage color of the color of th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATCHING DATE: 08/934,097
PILING DATE: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: MACKAIGHT, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: other nucleic ac
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (415) 705-8410
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 33, Application US/09825574 Patent No. 6709819 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 397-4
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity lov..
...hes 20; Conservative
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Brow, Mary Ann
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US-09-825-574-33/c
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                             APPLICANT: Brow, Mary Ann APPLICANT: Brow, Mary Ann APPLICANT: Brow, Mary Ann APPLICANT: Dahlberg, James APPLICANT: Dahlberg, James TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoting FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT APPLICATION NUMBER: PCT/US98/03194
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOOTHANKE: PatentIn version 3.0
SEQ ID NO 33
LENGTH: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Ford, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
CURRENT APPLICATION NUMBER: US/09/402,618B
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100.0%; Score 20; DB 4; L
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0;
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PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-402-618B-38/c
; Sequence 38, Application US/09402618B
; Patent No. 6709815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 35, Application US/09402618B
Patent No. 6709815
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APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, James
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO 35
LENGTH: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Hepatitis C virus
       Neri, Bruce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 64
US-09-402-618B-35/c
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 20; DB 4; Length 240; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION SYMERE: 08/934,097
FILING DATE: CURROWN-
APPLICATION NUMBER: 08/934,097
FILING DATE: CURROWN-
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
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ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     )
DESCRIPTION: /desc = "DNA"
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SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-825-574-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
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Patent No. 6780565
GENERAL INFORMATION:
Lyamichev, Victor I.
Prudent, James R.
Patent James E.
Prof. Lyamichery, Victor I.
Prudent, James E.
Prof. Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
Sequence 38, Application US/09825574
Patent No. 6709819
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94104
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Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
                                                                 Length 240;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DGS/MS-DGS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRUT APPLICATION DATA:
APPLICATION NAMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
                                           Score 20; DB 4; Lengtn 23. Pred; No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
                                                                 Query Match 100.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 0.0 Matches 20; Conservative 0; Mismatches
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ADDRESSEE: MEDLEN & CARROLL, LLP
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DESCRIPTION: /desc = "DNA"

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SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-09-825-574-35
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
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APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                              207 TTCGCGACCCAACACTACTC 188
                                                                                                                                                                                                                                                                                                                          Sequence 35, Application US/09825574 Patent No. 6709819 GENERAL INFORMATION:
                                                                                                                                                              1 TTCGCGACCCAACACTACTC 20
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LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEOUENCES:
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US-09-825-574-38/c
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US-09-825-574-33
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STREET: 220 Montgomery Street, Suite 2200

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Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: O2-Oct-2000
CLASSIFICATION 1435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
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100.0%; Score 20; DB 4;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0;
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FILING DATE: 05-May-1997
ATTORNEY/AGENT INPORMATION:
NAME: Ingolia. Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: PORS-02777
                 FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECTULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 35:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lyamichev, Victor I.
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TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                           TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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; Sequence 38, Application US/09676768
; Patent No. 6780585
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                                                                                                                                                                          TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHRACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: double
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TYPE: nucleic acid
STRANDEDNESS: double
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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Dahlberg, James B.
Fors, Lance
TITLE OF INVENTION: Bolymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: ISPAPOR disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURSOT APPLICATION DATA:

PELING DATE: 02-Oct-2000

CLASSIFCATION: 435

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 240;
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                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
SERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: CA
                                                                                                                                                                                                     CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-0cc-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTATION NUMBER: 40,027
TELECOMMUNICATION INFORMATION:
TELEFRANCE/COCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA" SEQUENCE DESCRIPTION: SEQ ID NO: 33: US-09-676-768-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Dong, Fang
Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          207 Tregegacceaecactacte 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 38
                                                                                           COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                            USA
                      STATE: CA
COUNTRY: U
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
APPLICANT: Nori, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: TRREST-DEPENDENT REACTIONS USING
TITLE OF SEQUENCES: 68
CORRESPONDENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 MONTEGOMETY Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 20; DB 3; Length 244; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                   Query Match
100.0%; Score 20; DB 4; Length 240;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION UNMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 39-8336
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: double
                 MOLECULE TYPE: other nucleic acid

SEQUENCE DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-676-768-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                208 TTCGCGACCCAACACTACTC 189
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 26, Application US/09034205
Patent No. 6194149
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-034-205-27/c
; Sequence 27, Application US/09034205
; Patent No. 6194149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              208 rrccccacccaccicic 189
                                                                                                                                                                                                                                    1 TTCGCGACCCAACACTACTC 20
TOPOLOGY: linear
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 29, Application US/09034205
Patent No. 6114149
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fore, Lance
ITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
                                                                                                                                                                                                                                                                                    COUNTRY: USA

ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                   SSEE: MEDLEN & CARROLL, LLP
F: 220 Montgomery Street, Suite 2200
San Francisco
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                208 rrceceaeccaacacraere 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (415) 705-8410
TELEPAX: (415) 397-8338
INPORMATION FOR SEQ ID NO. 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match
Best Local Similarity 100..
The 20; Conservative
                                                                                                                                        NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & C
STREET: 220 Montgomen
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US-09-034-205-29/c
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ZIP: 94104
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Gaps
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; Sequence 26, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
; TITLE OF INVENTION: Structure Probing With Structure-Bridging
; TITLE OF INVENTION: Oligonucleotides.
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDIEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ..
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                                                                100.0%; Score 20; DB 3; Length 244; 100.0%; Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
                                                                                                                0; Mismatches
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DESCRIPTION: /desc = "DNA"

US-08-934-097A-26
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US-08-934-097A-27/c
; Sequence 27, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
                                                                                                                                                                                           208 TTCGCGACCCAACACTACTC 189
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                                                                                                                                                                1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFRENCE/DOCKET NUMBER: FORS.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ 1D NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
DESCRIPTION: /desc = "DNA'
                                                                     Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ouery Match
Best Local Similarity الاست.
- عدد 20, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94104
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         US-09-034-205-31
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Pors, Lance P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STREET: CANA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 20; DB 3; Length 244; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REPERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPRAK: (415) 397-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEFHONE: (415) 705-8410
TELEFHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                             LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                        FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 75
US-09-034-205-31/c
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Sequence 31, Application US/08934097A

Patent No. 6210880

GENERAL INFORMATION

GENERAL INFORMATION

APPLICANT: Lyamichev, Victor I.

APPLICANT: Fors, Lance

APPLICANT: Fors, Lance

APPLICANT: Nerl, Bruce

TITLE OF INVENTION: Structure Probing With Structure-Bridging

TITLE OF INVENTION: Oligonucleotides.

NUMBER OF SEQUENCES: 51

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDIEN & CARROLL, LLP

ADDRESSEE: MEDIEN & CARROLL, LLP

ADDRESSEE: MEDIEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 20; DB 3; Length 244; 100.0%; Pred. No. 0.0029; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
                                                   SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SSEE: MEDLEN & CARROLL, LLP

1: 220 Montgomery Street, Suite 2200

San Francisco
                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REPERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
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ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-934-097A-29
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ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: 60RS.
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 397-838
INPORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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TYPE: nucleic acid
STRANDEDNESS: double
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US-08-934-097A-31/c
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APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Prophism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
ADDRESSES: ADDRESS:
ADDRESSES: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 29, Application US/08934097A
; Sequence 29, Application US/08934097A
; Patent No. 6210880
; GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Pors, Lance
APPLICANT: Pors, Lance P.
ITILE OF INVENTION: Structure Probing With Structure-Bridging
ITILE OF INVENTION: Oligonucleotides.
ITILE OF INVENTION: Oligonucleotides.
AUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDDRESS:
ADDRESSEE: MEDDRESS:
CITY: San Francisco
CITY: San Francisco
CITY: CANTANTION
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                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Ramrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
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DESCRIPTION: /desc = "DNA"
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEFAX: (415) 397-8318
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
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COUNTRY:
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100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                   Query Match
100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: CA
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FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40, 027
REFERENCE/DOCKET NUMBER: 60, 027
TELEPHONE: (415) 397-8338
: TELEPAX: (415) 397-8338
: INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
: TYPE: nucleic acid
STANDEDNESS: double
: TYPE: nucleic acid
STANDEDNESS: double
: TYPE: nucleic acid
STANDEDNESS: double
: "nonlogy: linear
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ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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DESCRIPTION: /desc = "DNA"
other nucleic acid /desc = "DNA"
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Patent No. 6214545
GENERAL INFORMATION:
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; MOLECULE TYPE:
; DESCRIPTION:
US-08-934-097A-31
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US-08-851-588-29/C
; Sedence 29, Application US/08851588
; Sedent No. 6214545
; Sedent No. 6214545
; GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Damblery, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Prudent, James R.
APPLICANT: Pollberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
                  APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Cors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
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                                                                                                                                                                                                                                                                                                                                     ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
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T: 220 Montgomery Street, Suite 2200
San Francisco
CA
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
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ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS:
TELECOMMUNICATION INFORMATION:
TELEFAM: (415) 397-8338
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
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Dong, Fang
Lyamichev, Victor I.
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COMPUTER: IBM PC compatible
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TYPE: nucleic acid
STRANDEDNESS: double
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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US-09-677-218B-26/c
; Sequence 26, Application US/09677218B
; Setent No. 6355437
; Parent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
; Fors, Lance
; Nexi, Bruce P.
; Nexi, Bruce P.
; ITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
                                                                                                                                                          Query Match
100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 20; DB 3; Length 244; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
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ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
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ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
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CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
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                              MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

US-08-851-588-31
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TELEFAX: (415) 397-8338
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 26: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
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   TOPOLOGY: linear
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APPLICANT:
Dong, Fang
APPLICANT:
Pydent, James N.
APPLICANT:
Pydent, James E.
APPLICANT:
Prudent, James E.
APPLICANT:
Prof, Lance
TITLE OF INVENTION:
Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION:
TITLE OF INVENTION:
Structure Probing
NUMBER OF SEQUENCES:
ADDRESSE:
ADDRESSE
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                       SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40.027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMULCATION INFORMATION:
TELEPAX: (415) 705-8410
TELEPAX: (415) 370-838
INPORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DESCRIPTION: /desc = "DNA"
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 31, Application US/08851588 Patent No. 6214545 GENERAL INFORMATION:
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TELEFAX: (415) 397-8338
INFORMATION FOR SEC ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-851-588-31/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-851-588-29
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COMPUTER READABLE FOLCE.

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-OCt-2000
CLASSIFICATION AUMBER: 09/034,205
FILING DATE: CONTROWN-
PRIOR APPLICATION NUMBER: 09/034,205
APPLICATION NUMBER: 09/034,205
APPLICATION NUMBER: 18,205
ATTORNEY/AGENT INFORMATION:
NAME: MACKHIGH, KAMATION:
NAME: MACKHIGH, NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELEPROMINICATION INFORMATION:
TELEPRAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGHAL 244 base pairs
LENGHAL 244 base pairs
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Brow, Mary Ann D.
Bros, Lance
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
NUMBER OF SEQUENCES: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 244;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 20; DB 3;
100.0%; Pred. No. 0.0029;
ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-677-218B-29
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FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-677-218B-31/c; Sequence 31, Application US/09677218B; Patent No. 6355437; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         208 TTCGCGACCCAACACTACTC 189
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ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity 100.
nes 20; Conservative
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                                                                                                                                                                                       TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 244;
                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: FORMY

COMPUTER: IBM PC Compatible

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/677,218B

FILING DATE: 02-0ct-2000

CLASSIFICATION: <Unknown>
PRIOR APPLICATION NUMBER: 09/034,205

RILING DATE: CUNKNOWN>

APPLICATION NUMBER: 09/034,205

FILING DATE: <UNKNOWN>

ATTORNEY/AGENT INFORMATION:

NAME: MACKINIGHT, KAMININ T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: FORS-03268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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Brow, Mary Ann D.
Brow, Lance
Forst, Lance
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                           STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 20; DB 3; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL,
                                                                                          APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-677-218B-29/c
; Sequence 29, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
                      Sequence 27, Application US/09677218B Patent No. 6155437 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      208 Trceceacceacacactactc 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 244 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTCGCGACCCAACACTACTC
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94104
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                            STATE: CA
  US-09-677-218B-27/c
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Gaps

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CURRENT FILING DATE: 2000-10-02
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APPLICANT: Lyamich
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US-09-677-192-29/c
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Description of the properties of the properties
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Sequence 27, Application US/09677192
GENERAL INFORMATION:
APPLICANT: Information:
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
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100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
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                             NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPA: (415) 705-8410
TELEPA: (415) 397-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
SEQUENCE DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: /desc = "DNA"
US-09-677-218B-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 208 TTCGCGACCCAACACTACTC 189
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Patent No. 6358691
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ATTORNEY/AGENT INFORMATION:
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US-09-677-192-27/c
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Sequence 31, Application US/09677192
; Sequence 31, Application US/09677192
; Patent No. 6356691
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Brow, Mary Ann D.
; TITLE OF INVENTION: OLICONUCLEOTIDES
; TITLE OF INVENTION: OLICONUCLEOTIDES
; TITLE OF INVENTION: OLICONUCLEOTIDES
; TITLE OF PROPERTION: UNMBER: US/09/677,192
; CURRENT FILING DATE: 2000-10-02
; PRIOR FILING DATE: 1998-03-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PATENTIN Ver. 2 n
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Even, Lance
APPLICANT: Fors, Lance P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
TITLE OF INVENTION: CALGONUCLEOTIDES
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT PILING DATE: 2000-10-02
PRIOR PILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
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       09/034,205
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PRIOR APPLICATION NUMBER: 09/034
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 27
                                                                                                                                                     TYPE: DNA
, ORGANISM: Hepatitis C virus
US-09-677-192-27
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TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoting File Reference: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 1200-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR APPLICATION NUMBER: PCT/US98/03194
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
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CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT APPLICATION NUMBER: D2/00-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO 31
LENGTH: 244
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                                                           Score 20; DB 4; Length 244;
Pred. No. 0.0029;
                                                                                                    0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-402-618B-31/c
; Sequence 31, Application US/09402618B
; Patent No. 6709815
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                                                             100.0%;
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APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
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Neri, Bruce
Brow, Mary Ann
Anderson, Todd
Dahlberg, James
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; ORGANISM: Hepatitis C virus US-09-402-618B-27
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ORGANISM: Hepatitis C virus
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Fors, Lance
Neri, Bruce
Brow, Mary Ann
Anderson, Todd
Dahlberg, James
                                                             Query Match
Best Local Similarity 100.
Matches 20; Conservative
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Matches 20; Conserv
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US-09-402-618B-29/c
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT: Prudent, James
APPLICANT: Pors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFREENCE: FORS.0401.2
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO 26
LENGTH: 244
TYPE: n...
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APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Neri, James
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Dallberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFRENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR APPLICATION NOWBER: PCT/US98/03194
NUMBER OF SEQ ID NOS: 128
SOFFWARE: PatentIn version 3.0
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                                                                                 Query Match
100.0%; Score 20; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
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    ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-677-192-31
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LENGTH: 244
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TITLE OF INVENTION: Target Dependent Reactions Using Structure-Bridging Oligonucleot FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO 127
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APPLICANT: Frudent, James
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
APPLICANT: Anderson, Tood
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot:
FILE REPERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
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                     100.0%; Score 20; DB 4; Length 244; 100.0%; Pred. No. 0.0029; No. 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                        Sequence 127, Application US/09402618B
Patent No. 6709815
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Dyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Neri, Bruce
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
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PRIOR FILING DATE: 1998-05-05
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Patent No. 6709815
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
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SOFTWARE: Patentin version 3.0
SEQ ID NO 128
LENGTH: 244
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ORGANISM: Hepatitis C virus
                   Query Match
Best Local Similarity 100.0
Matches 20, Conservative
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Matches 20, Conservative
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US-09-402-618B-127
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US-09-402-618B-128
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| Sequence 125, Application US/09402618B
| Patent NO. 6709815
| Patent NO. 6709815
| GENERAL INFORMATION:
| APPLICANT: Lyamichev, Victor
| APPLICANT: Prudent, James
| APPLICANT: Neri, Bruce
| APPLICANT: Neri, Dahlberg, James
| TITLE FOF INVENTION: Target_Dependent Reactions Using Structure-Bridging Oligonucleoti
| PILE REFERENCE: PORS-04012
| CURRENT APPLICATION NUMBER: US/09/402,618B
| CURRENT APPLICATION NUMBER: PCT/US98/03194
| PRIOR PILING DATE: 1998-05.05
| NUMBER OF SEQ ID NOS: 128
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APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 1998-05-05
MUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 124
LENGTH: 244
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                                        Query Match 100.0%; Score 20; DB 4; Length 244; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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; Sequence 124, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
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                                                                                                                                      1 TTCGCGACCCAACACTACTC 20
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SEQ ID NO 125
LENGTH: 244
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Best Local Similarity 100.
Marches 20; Conservative
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US-09-402-618B-31
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US-09-402-618B-1
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APPLICANT: Lyamichev, Victor I.
                      Brow, Mary Ann D.
                                                             Bruce P.
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STATE: CA
                                                                                                                                                                                                                                            CITY: San Francisco
                                                                                                                                                                                                                                                                                                          ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                         NUMBER OF SEQUENCES: 51
                                             Lance
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                                                                                                                                                                                                                                                                STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 102
US-09-825-574-29/c
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                                             Gaps
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Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
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Query Match 100.0%; Score 20; DB 4; Length 244; Best Local Similarity 80.0%; Pred. No. 0.0029; Matches 16; Conservative 4; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION NUMBER: 08/934,097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRAATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
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MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-825-574-26
                                                                                                                                                                                                                                                                                                                                                                                                                                               Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                     RESULT 100
US-09-825-574-26/C
US-09-825-574-26/C
; Sequence 56, Application US/09825574
; Patent No. 6709819
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 27, Application US/09825574 Patent No. 6709819 GENERAL INFORMATION:
                                                                                         1 TTCGCGACCCAACACTACTC 20
                                                                                                                  37 UUCGCGACCCAACACUACUC 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-825-574-27/c
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Sequence 29, Application US/09825574
Patent No. 6709819
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: cUnknown>
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CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: ADDRESSE: ADDRESSE: S200 Montgomery Street, Suite 2200
                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-825-574-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/934,097
FILING DATE: <UNKNOWN-)
ATTORNEY/AGENT INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 244 base pairs
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STRANDEDNESS: double
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Gaps

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Prudent, James R.
Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 244;
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 20; DB 4; 100.0%; Pred. No. 0.0029;
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
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APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECTLE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 31:
                                                                                            TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Dong, Fang
Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: other nucleic ac
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
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Patent No. 6780585
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               208 Treeceaeceaecaeraere 189
                                                                                                                                                                                                                                        LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 26
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 104
US-09-676-768-26/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-825-574-31
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Structure Probing With Structure-Bridging
Oligonucleotides.
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: ISM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: U3/apr-2001
CLASSIFICATION: <underwently with the control of the contro
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                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/934,097
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 20; DB 4;
Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-825-574-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 220 Montgomery Street, CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   208 rrceceaeceaeceae 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 397-8338
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0%;
Matches 20; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 29: SEQUENCE CHARACTERISTICS:
   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
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Sequence 29, Application US/09676768
                       Patent No. 6780585
GENERAL INFORMATION:
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Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 20; DB 4; Length 244; ilarity 100.0%; Pred. No. 0.0029; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IN PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION NAMBER: US/09/676,768
FILING DATE: 02-OCC-2000
CLASSIFICATION 435
PRIOR APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REPERENCE/DOCKET NUMBER: PORS-02777
TELECOMMUNICATION INFORMATION:
                                                                   Length 244;
                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                Score 20; DB 4;
Pred. No. 0.0029;
                                                                   Query Match
100.0%; Score 20; DE
Best Local Similarity 100.0%; Pred. No. 0.C
Matches 20; Conservative 0; Mismatches
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DESCRIPTION: /desc = "DNA"
;
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-676-768-27
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-676-768-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                        RESULT 105
US-09-676-768-27/C
US-09-676-768-27, Application US/09676768
; Patent No. 6780585
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
Lyamican, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                208 TTCGCGACCCAACACTACTC 189
                                                                                                                                                                                  208 TTCGCGACCCAACACTACTC 189
                                                                                                                                                           1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 397-8338 INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Trahes 20; Conserve
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RESULT 106 US-09-676-768-29/c

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Structure Probing
NUMBER OF SEQUENCES: 38
                                                                               Fors, Lance
FORS, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 20; DB 4; Length 244; 100.0%; Pred. No. 0.0029; O. Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSER: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLGGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Ingolia, Diane E. REGISTRATION NUMBER: 40,027
                Lyamichev, Victor I.
Prudent, James R.
Dahlberg, James E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dong, Fang
Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-676-768-31/c
; Sequence 31, Application US/09676768
; Patent No. 6780585; GENBERAL INFORMATION:
; APPLICANT: Dong, Fang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          208 TTCGCGACCCAACACTACTC 189
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Dahlberg, James E.
Fors, Lance
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Best Local Similarity 100.0%; Pr
Matches 20; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 29: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                       ZIP: 94104
COMPUTER READABLE FORM:
APPLICANT: Dong, Fang
                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (415)
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100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
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US-08-441-971-34/C
; Sequence 34, Application US/08441971
; Sequence 10671693
; GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: Wordberfect 5.1
CURRENT APPLICATION DATE:
FILING DATE: 16-MAY-1995
PRIOR APPLICATION TOWNER: US/08/441,971
FILING DATE: 16-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTATION NUMBER: 29,809
07/697,326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TICGCGACCCAACACTACTC 20
                                                                NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFRENCE/DOCKET NUMBER: C077
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                    (ATCC # 40394)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  600 Atlantic Avenue
                                                                                                                                                                                     TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DA
ONCIGNAL SOURCE: (ATCC # 4035)
. INDIVIDUAL ISOLATE: hcvl
US-08-441-971-33
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
                       FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 600 Atlantic
CITY: Boston
STATE: Massachusetts
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: RIOPRY

COMPUTER: INDA DC compatible

COMPUTER: INDA DC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/676,768

FILING DATE: 02-Oct-2000

CLASSIFICATION 1435

PRIOR APPLICATION NUMBER: US/08/851,588

FILING DATE: 05-May-1997

ATTORNEY AGENT INFORMATION:

NAME: Ingolia, Diane E.

REGISTRATION NUMBER: 40,027

RESPERSENT INFORMATION:

RESPERSENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 20; DB 4; Length 244; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 33, Application US/08441971
; Sequence 33, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
    APPLICANT: Tai-An Cha
    TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
    TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
    NUMBER OF SEQUENCES: 147
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
    STREET: 600 Atlantic Avenue
    CITY: Boston
    STATE: Massachusetts
    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 31:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              208 TTCGCGACCCAACACTACTC 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
CITY: San Francisco
                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-441-971-33/c
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
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INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: sp2
                                                                                                                                                                                                                                                                                                                                 SIREL.
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                  US-08-441-971-36/c
                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
ZIP: 02210
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                                                                                                                                                                          Query Match 100.0%; Score 20; DB 3; Length 252; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: Ms-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
RILNG DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Janiuk, Anthony J. 80
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                        186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 35, Application US/08441971
Patent No. 6071693
                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
                                  ORIGINAL SOURCE:

ORIGINAL SOURCE:

INDIVIDUAL ISOLATE: US5

US-08-441-971-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: aus1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Massachusetts
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Boston
STATE: Massach
COUNTRY: USA
ZIP: 02210
                                                                                                                                                                                                                                                                                                                                                                      RESULT 110
US-08-441-971-35/c
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Gaps
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US-08-441-971-37/c
US-08-441-971-37/c
; Sequence 37, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 147
Sequence 36, Application US/08441971

Patent No. 6071693

GENERAL INPORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
100.0%; Score 20; DB 3; L
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM compatible
SOUTWARE: IBM compatible
SOSTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE: APPLICATION NUMBER: 07/697,326
FILING DATE: APPLICATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
TELERENCE/DOCKET NUMBER: C0772/7000
TELERENCE/DOCKET NUMBER: C0772/7000
TELERENCE/ORGET NUMBER: 29,809
TELERENCE/ORGET NUMBER: C0772/7000
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Gaps
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Patent No. 6071693

GENERAL INFORMATION:

TITLE OF INVENTION:

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue

CITY: Massachusetts

CUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTIT: USA
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
CLASSIFICATION: 435
PRIOR APPLICATION ADATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE: US/07/891,528
FILING DATE: B MAY 1991
ATPORNEY AGENT INDEMBER: 07/697,326
FILING DATE: B MAY 1991
                      FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: B MAY 1991
ATTONEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECHONE: (617) 720-3500
TELECHONE: (617) 720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           186 TTCGCGACCCAACACTACTC 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEKAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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US-08-441-971-39/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 38, Application US/08441971
; Sequence 38, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                         ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue
                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION BATA:
APPLICATION NUMBER: US/08/421,653
FILING DATE: 8 MAY 1991
ATTORACTION NUMBER: US/07/881,528
FILING DATE: 8 MAY 1991
ATTORACTION NUMBER: 07/697,326
FILING DATE: 8 MAY 1991
ATTOREX/ACTION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 02210

ZIP: 02210

OCOMPUTER READABLE FORM:

COMPUTER: Diskette, 5.25 inch

COMPUTER: IBM compatible

COMPUTER: MS-DOS Version 3.3

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
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                                ADDACE
STREET: 600.
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
TP: 02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                                                         Score 20; DB 3; Length 252;
Pred. No. 0.0029;
; Mismatches 0; Indels
                                                                                                                                                                                                                                                     RESULT 116
US-08-441-971-41/C

is Sequence 41, Application US/08441971

is Patent No. 6071693

is GENERAL INFORMATION:
APPLICANT: Tai-An Cha

it TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:
ADDRESSE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
STREET: Massachusetts
COUNTRY: USA
                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch

COMPUTER: IBM compatible

OPERATING SYSTEM: MS-DOS Version 3.3

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/441,971

FILING DATE: 16-MAY-1995

CLASSIFICATION 1435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION UNBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                   1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Janiuk, Anthony J. REGISTRATION NUMBER: 29,809
                                                                100.0%;
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INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INDIVIDUAL ISOLATE: nac5
  ; INDIVIDUAL ISOLATE: jhl
US-08-441-971-40
                                                                                    Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-441-971-41
                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 40, Application US/08441971
Patent No. 6071693
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MBDIUM TYPE: Diskette, 5.25 inch
COMPUTER: LBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 MAY 1991
ATTONEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECHONE: (617) 720-3500
TELEPHONE: (617) 720-3500
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               186 rrcgcgacccaacacracrc 167
                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTCGCGACCCAACACTACTC 20
                                                                  TELEFAX: (617) 720-2441
TELEX: EZEMIEL
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 uncleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Massachusetts
: USA
                                                                                                                                                                                                                   TOPOLOGY: linear
NOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
US-08-441-971-39
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STATE: Massac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-441-971-40/c
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TELEX: E
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US-08-441-971-44/C

Sequence 44, Application US/08441971
Fatent No. 6071693
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
STREET: SOME AND ADDRESSES:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: GOALlantic Avenue
STREET: USA
                                    COMUTTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MG-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: Diskette, 5.25 inch COMPUTER: IBM compatible OPERATING SYSTEM: MS-DOS Version 3.3 SOFTWARE: WordPerfect 5.1 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/441 071 FILING NAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: FREVE
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
RESISTRATION NUMBER: 2,809
REFERENCE/DOCKET NUMBER: C0772/7000
                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRICR APPLICATION DATE:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  186 TTCGCGACCCAACACTACTC 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; INDIVIDUAL ISOLATE: spl
US-08-441-971-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100...
Thes 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
  COUNTRY:
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100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
             Sequence 42, Application US/08441971
Patent No. 6071693
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 43, Application US/08441971
Patent No. 6071693
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      186 TTCGCGACCCAACACTACTC 167
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INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                      600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                Massachusetts
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                           CITY: Boston
STATE: Massach
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Boston
US-08-441-971-42/C
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US-08-441-971-43/c
                                                                                                                                                                                                                                                                                                         ZIP: 02210
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Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue CITY: Boston STATE: Massachusetts COUNTRY: USA
                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 16-MAY-1995
CLASSIFICATION : 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/07/881,528
FILING DATE: PAPPLICATION NUMBER: 07/697,326
APPLICATION BATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                   186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                            1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Janiuk, Anthony J. REGISTRATION NUMBER: 29,809 REFERENCE/DOCKET NUMBER: CO. TELECOMMUNICATION INFORMATION: (617) 720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
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INFORMATION FOR SEQ ID NO: 48:
                                  LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORLGINAL SOURCE:
INDIVIDIAL ISOLATE: 115
US-08-441-971-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             . 252 nucleotides
nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (617) 720-2441
                                                                                                                                                                                                                                                      20; Conservative
INFORMATION FOR SEQ ID NO:
                    SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                  3est_Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
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100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 45. Application US/08441971

Patent No. 6071693

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147

CORRESPONDESSEE: MOLF, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: Wordforfect 5.1
CURRENT APPLICATION DTA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION 1435
PRICH APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-2441
TELERAX: EZEKTFT.
                                                                                                                                                         C0772/7000
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APPLICATION NUMBER: US/07/881,528
FILING DATE:
PAPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         186 Trccccaccacactrcrc 167
                                                                                                                 NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEFAX: EZEKIEL
INFORMATION FR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                         ; INDIVIDUAL ISOLATE: ghl
US-08-441-971-44
                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 600 Atlantic
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
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ADDRESSEE:
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  Gaps
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  Indels
                                                                                                                                                           US-08-411-971-49/c

Sequence 49, Application US/08441971

Patent No. 6071693

GENERAL INFORMATION:

APPLICANT: Tai-An Cha

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue
  ö
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

FLILING DATE: 16-MAY-1995

CLASSIPTCATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/221,653

FILING DATE:

APPLICATION NUMBER: US/07/881,528

FILING DATE:

APPLICATION NUMBER: US/07/881,528

FILING DATE:

APPLICATION NUMBER: 07/697,326

FILING DATE: 8 MAY 1991

ATTORNEY/AGENT INFORMATION:

NAME: Janiuk, Anthony J.

REGISTRATION NUMBER: 29,809

REFERENCE/DOCKET NUMBER: 29,809

REFERENCE/DOCKET NUMBER: C0772/7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 123
US-08-221-653-33/c
; Sequence 33, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
; APPLICANT: Tai-An Cha
                                                                                186 Trogogaccoacacracrc 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    186 TTCGCGACCCAACACTACTC 167
                                           1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                        CITY: Boston
STATE: Massachusetts
COINTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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  Matches
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100.0%; Pred. No. 0.0029;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 124
UG-08-221-653-34/c
Sequence 34, Application US/08221653
Fatent No. 6190864
GENERAL INFORMATION:
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
HCV GENOMIC SEQUENCES FOR DIAGNOSTICS AND THERAPEUTICS
  TITLE OF INVENTION: HCV GENOMIC SEQUENCES F
TITLE OF INVENTION: DIAGNOSTICS AND THERAPE
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                      COUNTRY: USA
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
STATE: Massachusetts
COUNTRY: USA

ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTOCNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE: (ATCC # 4()
INDIVIDUAL ISOLATE: hcv1
US-08-221-653-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                         STATE: Massachusetts
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Gaps
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                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 20; DB 3; Length 252; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-21-653-36/c

Sequence 36, Application US/08221653

Patent No. 6190864

GENERAL INFORMATION:

APPLICANT: Tai-An Cha
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
                                                                                                                                                                                                                                                                                                                                                                                     186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
PAPPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPENE (617) 720-3500
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Janiuk, Anthony J. REGISTRATION NUMBER: 29,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%;
                 TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nuclectides
TYPE: nucleic acid
                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: ausl
US-08-221-653-35
(617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                             single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; INDIVIDUAL ISOLATE:
US-08-221-653-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA ORIGINAL SOURCE:
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Best Local Similarity
                                                                                                       TYPE: nucleic STRANDEDNESS:
TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-014-653-35/c
; Sequence 35, Application US/08221653
; Sequence 35, Application US/08221653
; Patent No. 6190864
; Patent No. 6190864;
; TITLE OF INVENTION:
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; TUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
   ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
   STREET: 600 Atlantic Avenue
   STATE: Massachusetts
   STATE: Wassachusetts
   STATE: Wassachusetts
   STATE: Wassachusetts
   STATE: Wassachusetts
   STATE: Wassachusetts
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MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                     FILING DATE:
CLASSIFCATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 20,772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-2350
TELEFRAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSTRICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFENCE/DOCKET NUMBER: C0772/7000
TELEPHONE: (617) 720-3500
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           186 Tresesaceaceaceraere 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TTCGCGACCCAACACTACTC 20
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INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: u85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
E: DNA
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Query Match 100.0%; Score 20; DB 3; Length 252; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                             Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEFAX: EZEKEL
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 INCLEOTIGES
TYPE: NICLEOTICES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFRARIS: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION: 435
PULDATION DATA:
APPLICATION NUMBER: US/07/881,528
                                                                                                                                                                                                                                                       SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/70
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                                        ADDRESSEE: Wolf, Greenfield
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; INDIVIDUAL ISOLATE: 121
US-08-221-653-38
  NUMBER OF SEQUENCES: 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                    CORRESPONDENCE ADDRESS:
                                                                                      CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-221-653-39/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02210
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  Gaps
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Indels
                                                                                                                                                                                       Sequence 37, Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 38, Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-AM Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
  ;
0
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 0 May 1991
ATTORNEY/ACBNT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
REFERENCE/OCKET NUMBER: C0772/7000
TELEFAX: (617) 720-2441
TELEFAX: (617) 720-2441
TELEFAX: EZEKIEL
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nuclectides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                      186 TTCGCGACCCAACACTACTC 167
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                                             1 TTCGCGACCCAACACTACTC 20
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Best Local Similarity 100.0
Matches 20, Conservative
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STREET: 6vv
CITY: Boston
STATE: Massachusetts
TTV: USA
20; Conservative
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; INDIVIDUAL ISOLATE:
US-08-221-653-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-221-653-38/c
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  Matches
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100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; Live 0; Mismatches 0; Indels
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US-08-221-653-41/c
Sequence 41, Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
TALLANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
NUMBER OF SEQUENCES: 147
NUMBER OF SEQUENCES: 147
NUMBER OF SEQUENCES: 147
NUMBER OF SEQUENCES: 167
NUMBER OF SEQUEN
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FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: MAY 1991
ATTORNEY,AGENT INFORMATION:
NAMME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/70/
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEPHONE: (617) 720-3500
TELEPHONE: (617) 720-341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         C0772/7000
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 TTCGCGACCCAACACTACTC 20
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US-08-221-653-41
                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: jh1
US-08-221-653-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 252 nucleotides
                                   SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100.
Matches 20; Conservative
INFORMATION FOR SEQ ID NO:
                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
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| Patent No. 6190864
| GENERAL INFORMATION: APPLICANT: Tai-An Cha TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS ITTLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 147 CORRESPONDENCE ADDRESS: ADDRESSEE: Wolf, Greenfield & Sacks, P.C. CITY: Boston STARE: Massachusetts COUNTRY: Boston STARE: Massachusetts COUNTRY: Diskette, 5.25 inch COMPUTER READBLE FORM: MS-DOS Version 3.3 SOFTWARE: IBM compatible COMPUTER: IBM co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
100.0%; Score 20; DB 3;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0.
                                                                                                                                                        FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 20,72/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEPHONE: (617) 720-341
TELER: EZEKIEL
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nuclectides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION 0ATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
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TELECOMMUNICATION: INFORMATION:
TELEPHONE: (617) 720-2441
TELEFAX: (617) 720-2441
                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; INDIVIDUAL ISOLATE: us4
US-08-221-653-39
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Query Match 100.0%; Score 20; DB 3; Length 252; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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; Sequence 44, Application US/08221653
; Patent No. 61904
; Patent No. 61904
; Patent No. 61904
; TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue
; STREET: Massachusetts
; COUNTRY: USA
; COUNTRY: USA
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                        COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: Wordberfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER REALBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: IBM compatible
COPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                         COUNTY, 20210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
MEDIUM TYPE: Diskette, 5.25 inch
MEDIUM TYPE: TBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INCRMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          186 TTCGCGACCCAACACTACTC 167
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                     600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; INDIVIDUAL ISOLATE: SP1
US-08-221-653-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (617) 720-244
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
EDNESS: single
                                                               Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION: 435
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       STREET: c. True Boston
                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
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                                                                                                                                                 Sequence 42, Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 147
CORRESPONDENCES: ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
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APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIPRICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS VERSION 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-221-653-43/c
; Sequence 43, Application US/08221653
; Patent No. 6190864
                         186 TTCGCGACCCAACACTACTC 167
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1 TTCGCGACCCAACACTACTC 20
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INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INDIVIDUAL ISOLATE: arg2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
E: DNA
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ORIGINAL SOURCE:
                                                                                                                                US-08-221-653-42/c
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100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 20; DB 3; Length 252; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-221-653-48/c

Sequence 48, Application US/08221653
Sequence 48, Application US/08221653
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: ...
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE:
CLASSIFICATION: 435
FILING DATE:
FILING DATE:
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: B MAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: C0772/700
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 720-3500
TELEFAX: (617) 720-3441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             186 TTCGCGACCCAACACTACTC 167
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: $21
   LENGTH: 252 nucleotides
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TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREE:
CITY: Boston
STATE: Massachusetts
                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                            MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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US-08-221-653-45
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Pred. No. 0.0029;
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| Sequence 45, Application US/08221653
| Patent No. 6190864
| Patent No. 6190864
| The Commander of the C
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTONNEY,AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
PRICATION: 435
PRICATION: 435
PRICA APPLICATION DATA:
PILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERRECE/DOCKET NUMBER: 20772/7000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     186 rrcccaaccaacracrc 167
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                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (617) 720-3500
TELERAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
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STATE: Massachusetts
COINTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-221-653-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
CITY: Bo
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100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; Live 0; Mismatches 0; Indels
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APPLICANT: Tai-An Cha
APPLICANT: Elleen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INDIVIDUAL ISOLATE: hcvl (ATCC# 40394)
                                                        STREET: 4560 HORTON Street
CITY: Emeryville
STATE: California
COUNTY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: ARRIL 1, 1994
ATTORNEY AGRET INFORMATION:
NAME: Doreen Yatko Trujillo
REGISTRATION NUMBER: 35,719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CHIR-0121
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MEDIUM TYPE: Diskette, 3.5 Inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 139
US-08-442-144A-34/c
; Sequence 34, Application US/08442144A
; Patent No. 6214583
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                                              Chiron Corporation
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OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4560 Horton Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER:
NUMBER OF SEQUENCES: 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
STREET: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-442-144A-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
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100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                   US-08-211-653-49/C

Sequence 49, Application US/08221653

Sequence 49, Application US/08221653

Patent No. 61908e4

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STRATE: Massachusetts
COUNTRY: USA

ZIP: 02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
ITILE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE: 07/697,326
FILING DATE: 8 May 1991
ATTONNEY, AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKT NUMBER: 29,809
TELECOMMINICATION ITELECTON TO TELECOMMINICATION:
TELECHONE: (617) 720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-442-144A-33/c
; Sequence 33, Application US/08442144A
Patent No. 6214583
; GENERAL INPORMATION:
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  186 TTCGCGACCCAACACTACTC 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 9j61329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
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Sequence 36, Application US/08442144A

Sequence 36, Application US/08442144A

Patent No. 6214833

GENERAL INFORMATION:

APPLICANT: Tai-An Cha
APPLICANT: Bilen Beall
APPLICANT: Bruce Irvine

APPLICANT: Michael S. Urdea

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 148

CORRESPONDENCE ADDRESS:

ANDRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTY CO
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDDESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORLGINAL SOURCE:
INDIVIDUAL ISOLATE: aus1
US-08-442-144A-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX:
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nuclectides
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sp2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 215-568-31(
TELEFAX: 215-568-3439
   TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA
ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE:
US-08-442-144A-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Emeryville
STATE: California
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US-08-442-144A-35/C
Sequence 35, Application US/08442144A
Sequence 15, Application Chairman Chairman
Sequence 15, Application Ender Sequence Not Sequence Not Sequence Not Sequence Sequence 15, TITLE OF INVENTION: HCV GENOWIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
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COMPUTER: Diskette, 3.5 Inch
COMPUTER: Mar Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
RPLING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION 435
PRIOR APPLICATION AND ASSET OF THE APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: DOTEON YEAKO TRUJILO
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: 35,719
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION: 0435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: ARRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yarko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAN: 215-568-3100
TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      186 TTCGCGACCCAACACTACTC 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: u85
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ZIP: 94608-2916
COMPUTER READABLE FORM:
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STREET: 4560 Horton
CITY: Emeryville
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Linear
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100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; Pred. No. 0; Mismatches 0; Indels
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Patent No. 6214583

GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Baroe Irvaine
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADURESS:
CORRESPONDENCE CHICAN COLPORATION
STREET: 4560 Horton Street
                                 APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Eileen Beall
APPLICANT: Janice Irvine
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: 11AGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                            SSEE: Chiron Corporation
F: 4560 Horton Street
Emeryville
:. California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; INDIVIDUAL ISOLATE: i21
US-08-442-144A-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.v
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 215-568-31 TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Linear
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          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: 1
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 144
US-08-442-144A-39/c
                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: Ca
                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       g
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100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Bruce Irvine
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER: LEM Compatible
COMPUTER: IEM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 35,719
RECOMMUNICATION NUMBER: 35,719
RECOMMUNICATION INFORMATION:
TELEPRAX: 215-568-3139
                                                                                                                                                                                                                                                                                                                                                       Sequence 37, Application US/08442144A Patent No. 6214583 GENERAL INFORMATION:
APPLICANT: Tai.An Cha APPLICANT: Eileen Beall
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 143

20.08-442-144A-38/c

; Sequence 38, Application US/08442144A

; Patent No. 6214583
                                                                                                                                                                           186 TTCGCGACCCAACACTACTC 167
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                                                                                                                                   1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                    Best Local Similarity 100.
Matches 20; Conservative
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INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Linear
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US-08-442-144A-37/c
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      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Elleen Beall

APPLICANT: Bruce Irvine

APPLICANT: Janice Kolberg

APPLICANT: Michael S. Urdea

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF SEQUENCES: 148

CORRESPONDENCE ADDRESS:

ADDRESSEE: Chiron Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPEKRATING SYSTEM: WINDOWS NI
SOFTWARE: MICTOSOFT WORD 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MX 16, 1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yacko Trujillo
REGISTRATION NUMBER: 35,719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             35,719
ER: CHIR-0121
                                                                                                                     CHIR-0121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-442-144A-41/c; Sequence 41, Application US/08442144A; Patent No. 6214583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                186 TTCGCGACCCAACACTACTC 167
                     FILING DATE: APRIL 1, 1994
ATTORNEY AGENT INFORMATION:
NAME: Doreen Yalko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-
TELECOMMUNICATION INFORMATION:
TELECHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nuclectides
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: DNA
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: jhl
US-08-442-144A-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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US-08442-144A-40/C

US-08442144A

Patent No. 6214583

GENERAL INFORMATION

APPLICANT: Eileen Beall

APPLICANT: Bruce Irvine

APPLICANT: Michael S. Urdea

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 148

CORRESPONDENCE ADDRESS: 189

CORRESPONDENCE ADDRESS: 180

CITY: Emeryville

STREET: 4560 Horton Street

CITY: Emeryville

STATE: California

COUNTRY: USA

COMPUTER: IBM COMPATIBLE

COMPATING SYSTEM: Windows NT

SOFTWARE: MICROSOFT WORD

FILING DATE: MAY 16, 1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
STATE: California

COUNTRY: USA

ZIF: 94608-2916

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION 1, 1994
ATTORNEY AGENT INFORMATION:
NAME: DOTEEN YARKO TRUJILO
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: 35,719
REFERENCE/DOCKET NUMBER: 35,719
REFERENCE/DOCKET NUMBER: 35,719
TELECOMMUNICATION INFORMATION:
TELECHANGE 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
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INFORMATION FOR SEQ ID NO: 39:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: us4
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100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; Pred. No. 0. 10029; ive 0; Mismatches 0; Indels
                                                                                                                                                                   US-08-442-144A-43/c

Sequence 43, Application US/08442144A

Sequence 43, Application US/08442144A

Patent No. 6214530:
Patent No. 6214530:
Patent No. 6214530:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: CALLIORING
COUNTRY: CALLIORING
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYBE: Diskette, 3.5 Inch
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT IMPORMATION:
NAME: Doreen Yarko Trujilo
REGISTRATION NUMBER: 35,719
REFERENCY/COMPUTER NUMBER: CHIR-0121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 44, Application US/08442144A Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Tai-An Cha APPLICANT: Eileen Beall APPLICANT: Bruce Irvine APPLICANT: Janice Kolberg
                                             186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chiron Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 ITCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4560 Horton Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 252 Nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; INDIVIDUAL ISOLATE: 8P1
US-08-442-144A-43
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 215-568-31 (TELEFAX: 215-568-3439)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Emeryville STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-442-144A-44/C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 149
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                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 20; DB 3; Length 252; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 42, Application US/08442144A

Sequence 42, Application US/08442144A

Patent No. 6214583

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Janice Kolberg
APPLICANT: Janice Kolberg
APPLICANT: Janice Kolberg
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Comments
Comments
APPLICANT COMMENTERS

APPLICANT COMME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CHIR-0121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                       186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
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REGISTRATION NUMBER: 35,719
REPERENCE/DOCKET NUMBER: CHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 42: SEQUENCE CHARACTERISTICS: LENGTH: 252 Nuclectides TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INDIVIDUAL ISOLATE: arg2
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TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                    ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
US-08-442-144A-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 4560 Horto
CITY: Emeryville
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Linear
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MOLECULE TYPE: I
ORIGINAL SOURCE:
                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-442-144A-42/C
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Query Match 100.0%; Score 20; DB 3; Length 252; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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Sequence 48, Application US/08442144A
Patent No. 6214583
GENERAL INFORMATION:
APPLICANT: Elleen Beall
APPLICANT: Elleen Beall
APPLICANT: Bruce Irvine
APPLICANT: Bruce Irvine
APPLICANT: Michael S. Undea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZITP: 94600-2916
COMPUTER: IBM Compatible
STATE: MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: MICROSOFT WORD
SOFTWARE: MICROSOFT WORD
CORPUTER: MICROSOFT WORD
CORPUTER: MICROSOFT WORD
SOFTWARE: MICROSOFT WORD
CORPUTER: MATORION NUMBER: US/08/42,144A
FILING DATE: MATORIANION:
APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Doreen Yatko Trujillo
REGISTRATION NUMBER: 35,719
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION DATA:
APPLICATION THE NAY 16, 1995
FILING DATE: APRLL 1, 1994
ATTOWN APPLICATION DATA:
APPLICATION NUMBER: 08/221,653
FILING DATE: ARRICL 1, 1994
ATTOWN DATE: ARRICL 1, 1994
ATTOWN DATE: ARRICL 1, 1994
ATTOWN THE DATE: ARRICL 1, 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleicheides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: Linear

MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 115
US-08-442-144A-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 215-568-310
TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 151
US-08-442-144A-48/c
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Sequence 45, Application US/08442144A

Patent No. 2614583

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Eileen Beall
APPLICANT: Bruce Irvine
APPLICANT: Bruce Irvine
APPLICANT: Michael S. Urdea

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 148

CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
ADDRESSEE: Chiron Corporation
           APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: Emeryville
CITY: Emeryville
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 20; DB 3; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/221,653
APPLICATION NUMBER: 08/221,653
ATTONNEY,AGENT INFORMATION:
NAWE: DOTEON YACKO TRUJILLO
REGISTRATION NUMBER: 35,719
REFREEMENCE/DOCKET NUMBER: 35,719
REFREEMENCE/DOCKET NUMBER: CHIR-0121
TELECHMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  186 Trccccaccacactic 167
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STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      iovology: Linear
MOLECULE TYPE: DNA
CORIGINAL SOURCE:
INDIVIDUAL ISOLATE: ghl
US-08-442-144A-44
                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
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Gaps

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Gaps
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                                                                                            Score 20; DB 3; Length 252; Pred. No. 0.0029;
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                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 MAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
TELEFRANCATION INFORMATION:
TELEFRANCATION INFORMATION:
TELEFRANCATION INFORMATION:
TELEFRANCATION TELEFRANC
                                                                                                                                                                                                                                                                                                                                                                                                            US-08-411-970-33/c
; Sequence 33, Application US/08441970
; Patent No. 6297370
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US-08-441-970-34/c
; Sequence 34, Application US/08441970
                                                                                                                                                                                                                                                                                  186 rrcdcdacccaacacracrc 167
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ORIGINAL SOURCE: (ATCC # 40394)
INDIVIDUAL ISOLATE: hcv1
INDIVIDUAL ISOLATE: gj61329
                                                                                            Query Match
Best Local Similarity 100.0%;
Matches 20; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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STREET: bc.
TTY: Boston
                             US-08-442-144A-49
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Sequence 49, Application US/08442144A

Patent No. 62145B

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
APPLICANT: Brien Baall
APPLICANT: Bruce Irvine
APPLICANT: Bruce Kolberg
APPLICANT: Unicael S. Urdea
APPLICANT: Michael S. Urdea
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIACNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCES: 148
CORRESPONDENCES: Chiron Corporation
STREET: 4560 Horton Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/221,653
FILING DATE: APRIL 1, 1994
ATTORNEY/AGENT INFORMATION:
CHIR-0121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CHIR-0121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Doreen Yatko Trujillo
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                          TELECOMMUNICATION INFORMATION
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 49:
REFERENCE/DOCKET NUMBER:
                                                                                                                                              INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 252 Uncleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 252 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                      TOPOLGGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 4560 Hortc
CITY: Emeryville
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Linear
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MOLECULE TYPE: 1
ORIGINAL SOURCE:
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100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; Live 0; Mismatches 0; Indels
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US-08-441-970-36/c

is Sequence 36, Application US/08441970

is Patent No. 6297370

is GENERAL INFORMATION:

APPLICANT: Tai-An Cha

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue

STREET: 600 Atlantic Avenue

CONTY: BOSEON
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REJECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: IG-MAX-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
APPLICATION NUMBER: 07/697,326
APPLICATION NUMBER: 07/697,326
APPLICATION NUMBER: 07/697,326
APPLICATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: ausl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-441-970-35
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US-08-44-970-35/C
US-08-44-970-35/C
; Sequence 35, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
ITITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: ...ton
                                 GENERAL INCEMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCES.
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: USA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                   COUNTIT: USA

ZIF: 02210

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: IB-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1993
ATTONEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            186 rrccccaccacacracrc 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 252 nucleotides
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CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
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                           100.0%; Score 20; DB 3; Length 252; 100.0%; Pred. No. 0.0029; Dred. No. 0.0029; Ive 0; Mismatches 0; Indels
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Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                    RESULT 158
US-08-41-970-38/C
; Sequence 38, Application US/08441970
; Patent No. 6297370
GENERAL INFORMATION:
; TITLE OF INVENTION:
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: BOSTON
; STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
COMPUTER: IBM compatible
COMPUTER: Diskette, 5.25 inch
COMPUTER: Diskette, 5.25 inch
COMPUTER: USADBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: LBM compatible
COMPUTER: LBM compatible
COMPUTER: LBM compatible
COMPUTER: USADBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: ORGANIES OF VERSION 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1995
APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1991
FILING DATE: 08-MAY-1991
MATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: C0772/7000 TELECOMMUNICATION INCORMATION: TELEPHONE: (617) 720-3500 TELEFRAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Scc.
100.0%; Pre
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; Sequence 39, Application US/08441970
; Patent No. 6297370
; GENERAL INFORMATION:
                                                                                                                                                  186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                186 Trococcaccacactractic 167
                                                                                                                    1 TTCGCGACCCAACACTACTC 20
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INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INDIVIDUAL ISOLATE: 121
                                                Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 10v.,
Best Local 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic
STRANDEDNESS:
TOPOLOGY: line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORIGINAL SOURCE:
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                                Query Match
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Sequence 37, Application US/08441970
Sequence 37, Application US/08441970
SENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue CITY: Boston STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: TBM compatible
COPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/891,326
FILING DATE: 8 May 1991
ATONEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
TELEBERN: GITT NUMBER: CO772/7000
TELEBERN: GITT NUMBER: CO772/7000
TELEBERN: GITT NUMBER: CO772/7000
TELEBERN: GITT NUMBER: CO772/7000
REFERENCE/DOCKET NUMBER: C0772/7000 TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 720-3500 TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TTCGCGACCCAACACTACTC 20
                                                                                        TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: EZEKIEL INFORMATION FOR SEQ ID NO: 37: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 252 nucleotides
nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gm2
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, MOLECULE TYPE: DNA
, ORIGINAL SOURCE;
; INDIVIDUAL ISOLATE: 9
US-08-441-970-37
                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Massachusetts
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-441-970-41/c

Sequence 41, Application US/08441970

Patent No. 629370

GENERAL INFORMATION:

APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIACNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCES: 147

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IEM compatible
COMPUTER: IEM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFTCATION: 536
PRIOR APPLICATION DATA:
FILING DATE: 08-MAY-1992
FILING DATE: 08-MAY-1992
FILING DATE: 08 MAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 20772/7000
                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/891,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1992
ATTORNEY/ACENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TEL
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WordPerfect 5.1
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US-08-441-970-40
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STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
      SOFTWARE:
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100.0%; Score 20; DB 3; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
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Patent No. 6297370
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIACNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                          E: Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFTCATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTONNEY AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
TELEFREX: (617) 720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 252 nucleotide
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 600 Atlantic
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                      STREET: 600 Atlantic
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; INDIVIDUAL ISOLATE: US-08-441-970-39
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US-08-441-970-40/c
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Pred. No. 0.0029;
Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                          Sequence 43, Application US/08441970
Patent No. 6297370
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-441-970-44/c
; Sequence 44, Application US/08441970
; Parent No. 6297370
; GENERAL INFORMATION:
APPLICANT: Tal-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
                                                                                                                                                                                                                                                                                                                                                           E: Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C0772/7000
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Best Local Similarity 100.0%; P
Matches 20; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: CO
TELECOMOUNICATION: (17) 720-2500
TELEPHONE: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) MOLECULE TYPE: DNA
) ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE:
US-08-441-970-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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                                                                                                                                                           RESULT 163
US-08-441-970-43/c
                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 20; DB 3; Length 252;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-41-970-42/c

Sequence 42, Application US/08441970

Patent No. 6297370

GENERAL INFORMATION:

TITLE OF INVENTION:

TITLE OF INVENTION:

NUMBER OF SEQUENCES:

NUMBER OF SEQUENCES:

ADDRESSE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue

CITY: Massachusetts

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/41,970
FILING DATE: 16-MAY-1995
CLASSIPECATION: 536
FRICO APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 MAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 20,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                C0772/7000
                                                                                                                                                                                                                                                                                                                                                                                    186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
                  TELEFAX: (617) 720-2441
TELEX: EZEMEL
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
  (617) 720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
  TELEPHONE:
                                                                                                                                                                                                                                       US-08-441-970-41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 MAY 1991
ATTORNEY, AGENT INDEMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-241
                                                                                                                                                                                    REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMONICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
      FILING DATE: 16-MAY-1990
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY ARCHAUSE (AND 10)
NAME: Janiuk, Anthony J.
NAME: Janiuk, Anthony J.
APPLICATION NUMBER: US/08/441,970
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           186 TTCGCGACCCAACACTACTC 167
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; Sequence 48, Application US/08441970
; Patent No. 6297370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                    TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nuclectides
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INDIVIDUAL ISOLATE: i15
                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
ORIGINAL SOURCE:
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Pred. No. 0.0029;
Mismatches 0; Indels
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| Sequence 45, Application US/08441970
| Patent No. 6297370
| GENERAL INFORMATION:
| TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
| TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
| NUMBER OF SEQUENCES: 147
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Wolf, Greenfield & Sacks, P.C. |
| STREET: 600 Atlantic Avenue |
| CITY: Boston |
| STATE: Massachusetts |
| COUNTRY: USA
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                  ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPREATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 44: SEQUENCE CHARACTERISTICS: LENGTH: 252 nucleotides TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%;
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                  Massachusetts: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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                                                                                                                                      COUNTRY:
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Sequence 1, Application US/08483695
| Patent No. 5866139
| GENERAL INFORMATION:
| APPLICANT: Erechot, Christian
| APPLICANT: Erechot, Colette
| APPLICANT: Forchon, Colette
| TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
| TITLE OF INVENTION: Applications
| TITLE OF INVENTION: Applications
| VIVER OF SEQUENCES: 46
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ô
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/08/483,695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE, DOCKET NUMBER: 05286-0001-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 18-MAR-1993
APPLICATION NUMBER: FR 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: Other

DESCRIPTION: cDNA to genomic RNA
US-08-483-695-1
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; Sequence 24, Application US/08483695
; Patent No. 5866139
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        193 rrceceacceacacracre 174
                             1 TICGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 256 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-408-4400 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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                                                                                                                                                            US-08-483-695-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 49, 4), Application US/08441970

Patent No. 6297370

CENERAL INFORMATION:

APPLICANT: Tai-An Cha

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE JOCKET NUMBER: 20,7000
TELEPANICATION INFORMATION:
TELEPANICATION INFORMATION:
TELEPAN: (617) 720-3500
TELEPAN: (617) 720-341
TELERX: EZEKIEL
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP. 1821 0SA ZIP. COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SCHWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
FILING DATE: 16-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 07/881,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 MAY-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                         186 TTCGCGACCCAACACTACTC 167
                                                                                                                                                                                                                                                                                                                                                           1 TTCGCGACCCAACACTACTC 20
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TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            252 nucleotides
                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Massachusetts: USA
                                                                                                                                                   MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; INDIVIDUAL ISOLATE:
US-08-441-970-49
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CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JS-08-441-970-49/C
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COMPUTER READABLE FORM:
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US-08-483-695-26/c
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                                                                                                                                                 FILING DATE
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Patent No. 5866139

GENERAL INFORMATION:
APPLICANT: Rremsdorf, Dina
APPLICANT: Porchot, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
                 TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
TITLE OF INVENTION: Applications
MUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
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                                                                                                                                                                                                                             COMPTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-00000
TELEPHONE: 202-408-4000
TELEPHONE: 202-408-4000
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 256 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/965,285
FILING DATE: 18-WAR-1993
APPLICATION NUMBER: FR 91 06 882
FILING DATE: 06-UN-1991
ATTOMAGENT INFORMATION:
NAME: Meyers, Kenneth J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LECULE TYPE: Other
DESCRIPTION: CDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                193 TTCGCGACCCAACACTACTC 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TTCGCGACCCAACACTACTC 20
    APPLICANT: Porchon, Colette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20005-3315
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                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 170
US-08-483-695-25/c
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GENERAL INFORMATION:
APPLICANT: Brechot, Christian
APPLICANT: Kremsdorf, Dina
APPLICANT: Porchon, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Finnegan, Henderson, Farabow, Garrett ADDRESSEE: Dunner STREET: 1300 I Street, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER: ISP Ploppy disk
COMPUTER: ISP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Ralease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,695
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,695
                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNDER: US/07/965,285
FILING DATE: 18 MAR-1993
APPLICATION NUMBER: FR 91 06 882
FILING DATE: 06-UN-1991
ATTORNEY AGENT INFORMATION:
NAME: MAYERY EACHORMATION:
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 25,146
REGISTRATION INFORMATION:
TELEPHANE: 202-408-4400
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DALL.
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/965,285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: Other DESCRIPTION: cDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         193 TTCGCGACCCAACACTACTC 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 26, Application US/08483695 Patent No. 5866139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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Gaps

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RESULT 173
US-07-965-286-24/c
US-07-965-286-24/c
; Sequence 24, Application US/07965285
; Patent No. S879904
; Patent No. S879904
; APPLICANT: Brechot, Christian
APPLICANT: Kremedooff, Dina
; APPLICANT: Porchon, Colette
; TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
; TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
ADDRESSEE: Dunner
ADDRESSEE: Dunner
                                                                   Length 256;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 256;
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Pred. No. 0.0029;
                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/965,285
FILING DATE: 18-MAR-1993
CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 91 06 882
FILING DATE: 06-JUN-1991
ATTONEV/AGENT INPORMATION:
                                                                 Score 20; DB 2;
Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   05286-0001-00000
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Best Local Similarity 100.0%; Pred. No. 0.00
                                                                 Query Match
100.0%; Score 20; DE
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: Other
DESCRIPTION: CDNA to genomic RNA
  DESCRIPTION: cDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                               193 TTCGCGACCCAACACTACTC 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             193 TTCGCGACCCAACACTACTC 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 174
US-07-965-285-25/c
; Sequence 25, Application US/07965285
                                                                                                                                                      1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 24:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 256 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                202-408-4400
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           ;
US-07-965-285-1
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Sequence 1, Application US/07965285

Sequence 1, Application US/07965285

Patent No. 5879904

APPLICANT: NewMorf, Christian
APPLICANT: Kremsdorf, Dina
APPLICANT: Rremsdorf, Dina
APPLICANT: Profon, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
MUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:
ADDRESSEE: Pinnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.

CITY: Washington

STATE: DC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA

ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUW TYPE: FIDOPPY disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/965,285
FILING DATE: 18-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION UMBER: FR 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INFORMATION:
                                 NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-00000
TELECOMMUNICATION INFORMATION:
TELEFANO: 202-408-4000
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 256 base pairs
TYPE: nucleic acid
STRANBENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-00000
                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: Other
DESCRIPTION: CDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
06-JUN-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: Other
FILING DATE:
                                                                                                                                                                                                                                                                                                                                             US-08-483-695-26
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Gaps

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PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    193 TTCGCGACCCAACACTACTC 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 1300 I Street, N.W. CITY: Washington STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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    COUNTRY:
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Sequence 26, Application US/07965285

Sequence 26, Application US/07965285

PARENT No. 5879904

APPLICANT: Brechot, Christian

APPLICANT: Kremsdorf, Dina

APPLICANT: No. Colette

TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic

TITLE OF INVENTION: Applications

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &

ADDRESSEE: Dunner
Patent No. 5879904
GENERAL INFORMATION:
APPLICANT: Aremadorf, Dina
APPLICANT: Kremedorf, Dina
APPLICANT: Kremedorf, Dina
APPLICANT: Porchon, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Applications
VUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
STREET: 1300 I Street, N.W.
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                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA

ZIP: 2005-3315

COMPUTER READABLE FORM:
MEDIUW TYPE: E10ppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM:
PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/965,285
FILING DATE: 18-MR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: MMS-FR, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-00000
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 25:
SEQUIRACE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: Other DESCRIPTION: cDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               193 Trccccaccacactacrc 174
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lunder Langer Lunder LikeET: 1300 I Street, N.W. CITY: Washington STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-07-965-285-25
                                                                                                                                                                                                                                                                                                 CITY: V
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US-08-487-231-1/c
US-08-487-231-1/c
Sequence 1, Application US/08487231
Sequence 1, Application US/08487231
Patent No. 5919454
GARREAL INFORMATION:
APPLICANT: Brechot, Christian
APPLICANT: Porchon, Colette
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Punner
ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .
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ZIP: 2005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/965,285
FILING DATE: 18 MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,231
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 435
FRICH APPLICATION DATA:
APPLICATION NUMBER: US 07/965,285
FILING DATE: 18-MAR.1993
                                                                                                                                                                                                                                                                                                                                                            NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25.146
REFERENCE/DOCKET NUMBER: 05286-0001-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-468-4000
INFORMATION FOR SEQ ID NO: 26:
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Gaps

```
APPLICANT: Brechot, Christian
APPLICANT: Brechot, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Porchon, Colette
APPLICANT: Porchon, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
WUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 20; DB 2; Length 256; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 20; DB 2; Length 256; Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CUUNTRY: USA

ZIP: 2005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,231
FILING DATE: 07-JUNE-1995
CLASSIFICATION A35
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,285
FILING DATE: 18-MAR-1993
CLASSIFICATION 435
PRIOR APPLICATION 1435
PRIOR APPLICATION UMBER: FR 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY/AGERT INFORMATION:
ANAME: ANAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Finnegan, Henderson, Farabow, Garrett
ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 25,146
FP: 05286-0001-02000
                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: Other
DESCRIPTION: CDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HOLECULE TYPE: Other
DESCRIPTION: cDNA to genomic RNA
US-08-487-231-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              193 TTCGCGACCCAACACTACTC 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 25, Application US/08487231; Patent No. 5919454; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTCGCGACCCAACACTACTC 20
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REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%;
100.0%;
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                                 LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     202-408-4400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 178
US-08-487-231-25/c
                                                                                                                                                                                                                                             US-08-487-231-24
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APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Porchon, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Applications
TITLE OF INVENTION: Applications
AUGURES OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
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COUNTRY: USA

ZIP: 2000-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,231
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 07/965,285
PRIOR APPLICATION 1435
PRIOR ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 20; DB 2; 100.0%; Pred. No. 0.0029;
                                                                                                                                  NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: Other DESCRIPTION: cDNA to genomic RNA
                                     FR 91 06 882
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      193 TTCGCGACCCAACACTACTC 174
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Patent No. 5919454
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
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                                 APPLICATION NUMBER: FR 9
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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nucleic acid
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GENERAL INFORMATION:
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                                                                                                                                                                    Sequence 26, Application US/08487231

Sequence 26, Application US/08487231

Patent No. 5919454

GENERAL INFORMATION:

APPLICANT: Brechot, Christian

APPLICANT: Porchon, Colette

TITLE OF INVENTION: Nucleotide and Peptide Sequences of a

TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic

TITLE OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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100.0%; Score 20; DB 2; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0; Indels
  Indels
                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA.
APPLICATION NUMBER: US/08/487,231
FILING DATE: 07-UNNE-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE, POCKET NUMBER: 05286-0001-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 07-UNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION 1435
APPLICATION NUMBER: US 07/965,285
FILING DATE: 18-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION ATA:
APPLICATION NUMBER: F11.NG DATE: 06-UN-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: Other DESCRIPTION: cDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                193 TTCGCGACCCAACACTACTC 174
                                                                   193 TTCGCGACCCAACACTACTC 174
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; Sequence 1, Application US/09201912
; Patent No. 6210962
                                       1 TTCGCGACCCAACACTACTC 20
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
  20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 20005-3315
COMPUTER READABLE FORM:
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                                                                                                                                          RESULT 179
US-08-487-231-26/c
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  Matches
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US-09-201-912-24/c

Sequence 24, Application US/09201912

Sequence 24, Application US/09201912

Sequence 24, Application US/09201912

Patent No. 6210962

APPLICANT: Brechot, Christian
APPLICANT: Brechot, Christian
APPLICANT: Porchon, Colette

TITLE OF INVENTION: Nucleotide and Peptide Sequences of a

TITLE OF INVENTION: Applications

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:
APPLICANT: Brechot, Christian
APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Forchon, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
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ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                     ZIP: 2005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: Other DESCRIPTION: CDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
RATIOR APPLICATION NUMBER:
PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 193 Tregegacecaacacraere 174
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STREET: 1300 I Street, N.W.
CITY: Washington
                                                                                                                                                                                                                                                                                   STREET: 1300 I Street, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 256 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.8
Matches 20; Conservative
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25,146
                                                                                                                                           LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 256 base pairs
TYPE: nucleic acid
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REGISTRATION NUMBER:
                                                                                                                                                                                                         TOPOLOGY: linear
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 183
US-09-201-912-26/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                      US-09-201-912-25
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APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Colette
TITLE OF INVENTION: Neglectide and Peptide Sequences of a
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
TITLE OF INVENTION: Applications
AUDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 20; DB 3; Length 256; 100.0%; Pred. No. 0.0029; Artive 0; Mismatches 0; Indels
          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,912
                                                                                                                                                                                                                                                                                                                                     05286-0001-00000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LECULE TYPE: Other DESCRIPTION: cDNA to genomic RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 20005-3315
COMPUTER READABLE FORM:
MADIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                               FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               193 TTCGCGACCCAACACTACTC 174
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Patent No. 6210962
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,285
                                                                                                                                                                                                                                                             ATTORNEY AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION UNDHER: 25,146
REFERENCE/DOCKET MUMBER: 05286
TELECOMMUNICATION INFORMATION:
TELEFAM: 202-408-4000
TELEFAM: 202-408-4400
INPORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 256 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic STRANDEDNESS:
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                                                                                                                                                                                                                                                FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-201-912-25/c
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Sequence 126, Application US/08757653

Patent No. 5843669

GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
ITILE OF INVENTION: Cleavage Of Nucleic Acid Using
ITILE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190

CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653 FILING DATE:
                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OSCTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 20; DB 2;
100.0%; Pred. No. 0.0029;
Live 0; Mismatches 0;
  ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FORS-02565
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COUNTRY: United States Of America
ZIP: 94104
                                                                                                  United States Of America
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                              FILING DAYE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
LENOTH: 281 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     218 TTCGCGACCCAACACTACTC 199
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NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFRENCE/DOCKET NUMBER: FORS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity 100.
nes 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 186
US-08-757-653-126/c
                                                                                               COUNTRY: UN
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       100.0%; Score 20; DB 3; Length 256; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 20; DB 2; Length 281; 100.0%; Pred. No. 0.0029;
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                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Kaiser, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-757-653-123/c

Sequence 123, Application US/08757653

Patent No. 5843669

GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTEY: United States Of America
ZIP: 94104
ZIP: 94104
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
Query Match
Best Local Similarity 100.0%; Fred. No. 0.0
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02565
TELECOMMUNICATION INPORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 121:
                                                                                                                                                                                                                                                                    Sequence 121, Application US/08757653
Patent No. 5843669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           218 TTCGCGACCCAACACTACTC 199
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                                                                                                    1 TICGCGACCCAACACIACIC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , MOLECULE TYPE: DNA (genomic) US-08-757-653-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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US-08-757-653-121/c
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Gaps

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Indels

Length 281;

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Sequence 128, Application US/08757653
                     Patent No. 5843669
GENERAL INFORMATION:
APPLICANT: Kaiser
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US-08-757-653-129
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                                                                                                                                                                                                                      Length 281;
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                                                                                                                                                                                                                                                                   0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kaiser, Michael W.
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
                                                                                                                                                                                                                    Query Match

100.0%; Score 20; DB 2;
Best Local Similarity 100.0%; Pred. No. 0.0029;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02565
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 127, Application US/0875533 Patent No. 5843669 GENERAL INFORMATION:
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                INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDMESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic)
                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
(415) 397-8338
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
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C. Salasana C.

RESULT 188 US-08-757-653-128

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APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEDE: Medlen & Carroll, LLP
                                                                                                                                                                                                                                                                                                       ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/757,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PatentIn Release #1.0, Version #1.30
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STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                          STATE: California
COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           California
: United States Of America
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 129, Application US/08757653 Patent No. 5843669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 128
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match
Best Local Similarity 100..
Best 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                        San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   San Francisco
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Sequence 121, Application US/08520946

Patent No. 6372424

GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 160
CORRESPONDENCE ADDRESS:
ADDRESSEE MEDIEM & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 20; DB 3; Length 281; 100.0%; Pred. No. 0.0029; Pred. No. 0, mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 123, Application US/08520946
Patent No. 6372424
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 160
CORRESPONDENCE ADDRESS:
                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/520,946 FILING DATE:
Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FORS-01756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTY: UNITED STATES OF PUBLIC 2IP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Trededeceaacactacte 199
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                                                                      1 TICGCGACCCAACACTACTC 20
                                                                                                               64 Treeceaceaceactacte 83
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ATORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFRENCE/POCKET NUMBER: FORS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-520-946-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (415) 705-84.
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 20, Conservative
                        20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-520-946-123/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 281;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 20; DB 2; Length 28 Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02565
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                   FORS-02565
  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
                        APPLICALLOW ADTE:
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-O
TELEPHONE: (415) 705-8410
TELEPAK: (415) 397-8338
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: MOLECULE TYPE: DNA (genomic)
US-08-757-653-129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MCOMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-757-653-132

Sequence 13. Application US/08757653

Setent No. 5843669

GENERAL INFORMATION:
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TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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US-08-520-946-127
Squence 127, Application US/08520946
Squence 127, Application US/08520946
Squence 127, Application US/08520946
Squence 127, Application US/08520946
Spatent No. 6372424
Squence 127, Application US/08520946
Spatent INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYANICHT, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 160
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONITOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 20; DB 3; Length 281; 100.0%; Pred. No. 0.0029; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPOTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,946
                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 20; DB 3; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches 0.
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: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 195 '
US-08-520-946-128
; Sequence 128, Application US/08520946
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ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 397-838
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                               ; TOPOLOGY: linear ; MOLECULE TYPE: DNA (genomic) US-08-520-946-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                              LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 100.
Matches 20; Conservative
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-520-946-127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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| Sequence 126, Application US/08520946 |
| Patent No. 6372424 |
| GENERAL INFORMATION |
| APPLICANT: BROW MARY ANN D |
| APPLICANT: LYAMICHEV, VICTOR I |
| APPLICANT: OLIVE, DAVID M |
| TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF |
| TITLE OF INVENTION: PATHOGENS |
| NUMBER OF SEQUENCES 160 |
| CORRESPONDENCE ADDRESS |
| ADDRESSEE: MEDLENS CARROLL |
| ADDRESSEE: ME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             uvery Match 100.0%; Score 20; DB 3; Length 281; Best Local Similarity 100.0%; Pred. No. 0.0029; Matches 20; Conservative 0; Mismatches n. Talala
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,946
                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,946
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220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FORS-01756
                                                              CALIFORNIA : UNITED STATES OF AMERICA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/POCKET NUMBER: FORS:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                        ZIP: 94104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: BROW, WARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
TITLE OF INVENTION: PATHOGENS
NUMBER OF SEQUENCES: 160
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL
STREET: 220 MONICOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,946
                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 20; DB 3;
Pred. No. 0.0029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                    FORS-01756
APPLICATION NUMBER: US/08/520,946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 132, Application US/08520946; Patent No. 6372424
                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Scu-
100.0%; Pre
0;
                                                       ATTORNEY AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION UNDRER: 32,817
REFERENCE/DOCKET UNDRER: FORS-
TELECOMMUNICATION INFORMATION:
TELEFRANCE (415) 705-8410
TELEFRANCE (415) 705-8410
TELEFRANCE (415) 397-8338
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20
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NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                64 Tregesacceaacacracre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%;
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                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-520-946-129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (415) 705-8410
TELEPAX: (415) 397-8338
INFORMATION FOR SEO ID NO: 132
SEQUENCE CHARACTERISTICS:
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US-08-520-946-132
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TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
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CLASSIFICATION:
                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
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PATENT: BROW, MARY ANN D.

APPLICANT: BROW, MARY ANN D.

APPLICANT: BROW, MARY ANN D.

APPLICANT: DAVID M.

TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF TITLE OF INVENTION: PATHOGENS

NUMBER OF SEQUENCES: 160

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDLEN & CARROLL

STREET: SAN FRANCISCO

CITY: SAN FRANCISCO

STATE: CALIFORNIA

COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
0
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              GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: OLIVE, DAVID M.
ATITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF TITLE OF INVENTION: PATHOGENS
                                                                                                                                                                                                                                                                                                          ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,946
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                       NUMBER OF SEQUENCES: 160
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
STYTE: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION: IFFERENCE/DOCKET NUMBER: FORS-
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 39-8338
INPORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        64 Tresesaceaceacite 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) MOLECULE TYPE: DNA (genomic) US-08-520-946-128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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, Patent No. 6372424
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TELECOMMUNICATION INFORMATION
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Best Local Similarity 100.
Matches 20; Conservative
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LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: BROW, MARY ANN D.
LYAMICHEN, UTCTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTEY: UNITED STATES OF AMERICA
COUNTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OOPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
RELING DATE: 05-Sep-2000
CLASSIFICATION: CURROWN>
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  Indels
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STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
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NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 121:
18-09-655-378A-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                               Sequence 121, Application US/09655378A Patent No. 6673616 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 123, Application US/09655378A Patent No. 6673616 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                      PATHOGENS
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                                        1 TTCGCGACCCAACACTACTC 20
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                                                                               rrcccaaccaacacracrc 83
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TYPE: nucleic acid
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Matches 20; Conservative (
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                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
Conservative
                                                                                                                                                                US-09-655-378A-121/c
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20;
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Matches
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LYAMICHEV, VICTOR I.
CLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 281;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/655,378A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
SPEATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENČE ADDRESS:
ADDRESSER: MEDLES:
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 20; DB 4;
100.0%; Pred. No. 0.0029;
ive 0; Mismatches 0
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RAPPLICATION NUMBER: US/09/655,378A
FILING DATE: 05-Sep-2000
CLASSIPICATION: <a href="https://doi.org/10.1007/10.1007/">doi.org/10.1007/</a>
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COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
                      CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 123: US-09-655-378A-123
                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                       NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FOI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-655-378A-126/c
; Sequence 126, Application US/09655378A
; Sequence 166, 3613616
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                      FILING DATE: 05-Sep-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             (415) 705-8410
                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           218 TTCGCGACCCAACACTACTC 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PATHOGENS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 281 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (415) 397-8
INFORMATION FOR SEQ ID NO: 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
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Scoring table:

Word size

Database

Searched:

Perfect score:

Sequence:

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Run on:

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Sequence 43, Appl
Sequence 181, Appl
Sequence 6, Appl
Sequence 6, Appli
                                                                     Sequence 129, App
Sequence 130, App
Sequence 75, Appl
Sequence 131, Appl
Sequence 20, Appl
Sequence 20, Appl
Sequence 68, Appl
Sequence 68, Appl
Sequence 74, Appl
Sequence 3, Appl
                                                                                                                                                                                                                                                                                                                  sequence 18, Appl
Sequence 11, Appl
Sequence 31, Appl
Sequence 31, Appl
Sequence 31, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 22, Appl
Sequence 37, Appl
Sequence 36, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 36, Applisequence 9, Applisequence 10, Applisequence 33, Applisequence 38, Applisequence 33, Applisequence 33, Applisequence 33, Applisequence 33, Applisequence 33, Applisequence 33, Applisequence 34, Applisequence 35, Applisequence 35, Applisequence 33, Applisequence 34, Applisequence 35, Applisequence 35, Applisequence 35, Applisequence 35, Applisequence 36, 
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US-08-887-505-125
US-08-887-505-125
US-08-887-505-126
US-08-887-505-129
US-08-887-505-129
US-08-887-505-129
US-08-887-505-130
US-08-887-505-131
US-08-887-505-131
US-08-887-505-131
US-08-887-505-131
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US-08-887-505-14
US-08-887-505-14
US-08-887-505-14
US-08-887-507-19
US-08-887-507-19
US-08-887-507-19
US-08-887-507-19
US-08-887-507-19
US-08-887-70-19
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US-09-882-945A-27
US-09-882-945A-31
US-10-882-272-16
US-10-807-114-26
US-10-807-114-27
US-10-807-114-27
US-10-807-114-27
US-10-807-114-31
US-10-655-362-26
US-10-655-362-27
US-10-655-362-27
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US-09-825-574-27
US-09-825-574-29
US-09-825-574-31
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App
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Sequence
Sequence
Sequence
Sequence
Sequence
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| cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq: "
| cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq: "
| cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq: "
| cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq: "
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| cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq: "
| cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq: "
| cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq: "
| cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq: "
| cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq: "
| cgn2_6/ptodata/2/pubpna/US0B_PUBCOMB.seq: "
                                                                                                                                                                                                                                                                                                                                                                                            16886260
                     GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-887-505-119
US-08-887-505-120
US-08-887-505-121
US-08-887-505-122
US-08-887-505-123
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                                                                                                                                                                                                                                                                                                                     8443130 seqs, 3482420727 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Post-processing: Listing first 1000 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
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100.0%; Score 20; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels
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; Publication No. US2002008157741
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Rinkwie, Robert E. APPLICANT: Goodchild, John APPLICANT: Wolfe, Jia L. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, Peter C. APPLICANT: Walther, Debra M. TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: APPLITIES C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
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ZIP: 02109
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION 514
PRIOR APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTONEY/AGENT INFORMATION:
                                                                                                                                                                               NAME: Kerner, Ann Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMUNICATION INFORMATION:
TELEPAX: (617) 526-6000
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
ITYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
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STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL:
ANTI-SENSE: Y
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US-08-887-505-119
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; Publication No. US20020081577A1
; GENERAL INFORMATION:
    APPLICANT: Kilkuskie, Robert E.
    APPLICANT: Frank, Bruce L.
    APPLICANT: Goodchild, John
    APPLICANT: Roberts, Peter C.
    APPLICANT: Roberts, Peter C.
    APPLICANT: Walle, No. US20020081577A11 A.
    APPLICANT: Walther, Debra M.
    TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
 US-10-363-483A-19575
US-10-363-483A-19576
US-10-027-632-198236
US-10-027-632-198236
US-10-027-632-198236
US-10-363-345A-18775
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US-10-027-632-2466922
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
    RESULT 1
US-08-887-505-28
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Gaps
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APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walcher, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Eloppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UIN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 121, Application US/08887505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                       1 TTCGCGACCCAACACTACUC 20
                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
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60 State Street
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REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY
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TELEPHONE: (617) 526-6000
TELEPAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                          95.0%;
                                                                                                                                                       Query Match
Best Local Similarity 95.03
Matches 19; Conservative
                  TOPOLOGY: linear

MOLECULE TYPE: DNA/RNA

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-887-505-120
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA/RNA
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  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Boston
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HYPOTHETICAL: N
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US-08-887-505-121
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APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Prank, Bruce L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: ITAPPY TITAPPY TITAPPY TITAPPY TITAPPY TITAPPY TITAPPY TITAPPY TO POPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
                NAME: Kerner, Ann-Louise
REGISTRATION UNBER: 33,523
REFERENCE/DOCKET NUMBER: 41,523,400
TELECOMMUNICATION INPORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 119:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANBEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 120, Application US/08887505
Publication No. US20020081577A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
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STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 95.0%;
Matches 19; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-887-505-119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 60 St.
CITY: Boston
STATE: MA
COUNTRY: USA
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Score 20; DB 8; Length 20;
Pred. No. 0.019;
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APPLICANT: Frank, Bruce L.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                      APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020001577All A.
APPLICANT: Wolette, No. US2002001577All A.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMERR: US 08/471,968
FILING DATE: 06-UNI-1995
ATTORNEY/AGENT INFORMATION:
NAME: KERNEY, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 41,523
TELECOMMINICATION INFORMATION:
TELECOMMINICATION INFORMATION:
TELEPAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 123:
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Publication No. US20020081577A1
GENERAL INFORMATION:
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60 State Street
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Frank, Bruce L.
Goodchild, John
Wolfe, Jia L.
Roberts, Peter C.
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Best Local Similarity 80.0%;
Matches 16; Conservative 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA/RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                          STREET: 60 st
                                                                                                                                                                                                                                                                                                                                                                                                                USA
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STRANDEDNESS:
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US-08-887-505-123
                                                                                                                                                                                                                                                                                                                                                                                      STATE: MA
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                                                                                                                                                                                                                                                                                                         ADDRESSEE:
  APPLICANT:
                               APPLICANT:
APPLICANT:
                                                                                APPLICANT:
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Pred. No. 0.019;
4; Mismatches 0; Indels
                                                                                                                                                                                                                                                                 APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OP SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION S14
PRIOR APPLICATION BATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: MACHONIC TELECOMMUNICATION: TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECAX: (617) 526-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 123, Application US/08087505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                       Sequence 122, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
                                     1 TTCGCGACCCAACACTACUC 20
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60 State Street
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Best Local Similarity 80.0%; | Matches 16; Conservative 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfers, Peter C.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: IN HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
100.0%; Score 20; DB
Best Local Similarity 80.0%; Pred. No. 0.01
Matches 16; Conservative 4; Mismatches
                                                                                                                                                                         NAME: Kerner, Ann Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
RELECOMONICATION INFORMATION:
TELEPHONE: (617) 526-600
TELEPHONE: (617) 526-500
INFORMATION FOR SEQ ID NO: 125:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-0UN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
                APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 UUCGCGACCCAACACUACUC 20
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CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                        DNA/RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , ANTI-SENSE: YES
US-08-887-505-125
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CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
HYPOTHETICAL: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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US-08-887-505-126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kilkuskie, Robert E.
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: CLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: CLIGONUCLECTIDES SPECIFIC FOR TITLE OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                            COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
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COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Kerner, Ann-Louise
REGISTRATION VUMBRE: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMUNICATION INPORMATION:
TELEPHONE: (617) 526-6000
TELEPAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UDN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 125, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
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STREET: 60 State Street
CITY: Boston
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
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80.0%; P
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Best Local Similarity 80.09
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA/RNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                          MA
USA
              STREET: 60 or
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ANTI-SENSE: YES
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STATE: MA
COUNTRY:
                                                                                       COUNTRY:
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                                                               100.0%; Score 20; DB 8; Length 20; 100.0%; Pred. No. 0.019;
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCES: 172
CORRESPONDENCES: Hale and Dorr LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 02109
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                          0; Mismatches
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REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-6000
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                       ; Sequence 128, Application US/08887505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TTCGCGACCCAACACTACTC 20
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                            20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA/RNA
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                                                                                 Best Local Similarity
Matches 20; Conserv
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US-08-887-505-128
  ; ANTI-SENSE: YES US-08-887-505-127
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                                                                                                                                                                                                                                                               RESULT 11
US-08-887-505-128
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                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
ITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505 FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEX/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERNCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMINICATION:
TELEPHONE: (617) 526-6000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 127, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        1 TTCGCGACCCAACACTACTC 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                  1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Hale and Dorr LLP
60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DNA/RNA
                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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COUNTRY: USA
ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 60 Starter: CITY: Boston STATE: MA
                                                                                                                                                                                                                                             ; ANTI-SENSE:
US-08-887-505-126
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US-08-887-505-127
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APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale ~~ **
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 75, Application US/08887505; Publication No. US20020081577A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Frank, Bruce L.
APPLICANT: Goddchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRICA APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING BATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: REFERENCE/POCKET NUMBER: 33,523
REGISTRATION NUMB
                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: PATEM: PC-DGS/MS-DG
SOFTWARE: PatentIn Release #1.
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60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.00.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA/RNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1'
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                STREET: 60 St
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Boston
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STREET: 60
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US-08-887-505-75
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                                                                                                                                                                                     APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale ---
STREET.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 02109

ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Kerner, Ann. Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 41,523
REFERENCE/DOCKET NUMBER: 41,523
RELECOMINICATION INPORMATION: 7ELEPHONE: (617) 526-600
TELEPHONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 129: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UUN-1995
ATTORNEY/AGENT INFORWATION:
NAME: Kerner, Ann-Louise
                                                                                                                                                                                  Sequence 129, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 130, Application US/08887505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kilkuskie, Robert E. Frank, Bruce L. Goodbild, John Wolfe, Jia L. Roberts, Peter C.
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STREET: 60 State Street
CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      YES
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                                                                                                                               RESULT 12
US-08-887-505-129
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US-08-887-505-129
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APPLICANT:
APPLICANT:
APPLICANT:
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Gaps

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Sequence 20, Application US/10475024
; Sequence 20, Application US/10475024
; Sequence 20, Application US/2040219545A1
; Publication No. US20040219545A1
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Welch, Ellen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
; TITLE OF INVENTION: STRUCTURAL MOTIFS
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APPLICANT: Lipford, Grayson
APPLICANT: Lipford, Grayson
APPLICANT: Bauer, Stefan
TITLE OF INVENTION: Immunostimulatory G,U-Containing Oligoribonucleotides
TITLE OF INVENTION: Immunostimulatory G,U-Containing Oligoribonucleotides
CURRENT APPLICATION NUMBER: US/10/407,952
CURRENT APPLICATION NUMBER: US/303-04-04
PRIOR FILING DATE: 2002-10-29
PRIOR FILING DATE: 2002-10-29
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 20; DB 8; Length 26; Best Local Similarity 100.0%; Pred. No. 0.019; Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Score 20; DB 17; Length 2
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE DOCKET NUMBER: 472-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-5000
TELEFAX: (617) 526-5000
TELEFAX: (617) 526-5000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                  APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 4, Application US/10407952; Publication No. US20030232074A1; GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
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Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels
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APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HERATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                  COMPUTER READABLE FORM:

MEDIUM TYPE READABLE FORM:

MEDIUM TYPE READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/887,505

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/471,968

FILING DATE:

CLASSIFICATION: S14

PRIOR APPLICATION NUMBER: US 08/471,968

FILING DATE:

REPREMENCE (617) 526-6000

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEFRAME: (617) 526-6000

INFORMATION FOR SEQ ID NO: 75:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: MICHOLEIC acid

STRANDEDNESS: single
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APPLICATION NUMBER: US/08/887,505 FILING DATE: CLASSIFICATION: 514
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ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 131, Application US/08087505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
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US-08-887-505-131
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US-08-887-505-75
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                                                                                                                    COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURSTING DATE:

CLASSIFICATION DATA:

APPLICATION NUMBER: US/08/887,505

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/471,968

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: KETNER/COMPUTER: 33,523

REGIGTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: 33,523

REGIGTRATION INFORMATION:

TELEPHONE: (617) 526-6000

TELEPRA: (617) 526-6000

TELEPRA: (617) 526-6000

TELEPRA: (617) 526-6000

TELEPRATION FOR SEQ ID NO: 68:

SEQUENCE CHARACTERISTICS:

LANDER: 28 base pairs
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APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
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COMPUTER: IBM PC compatible
OPERATER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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GENERAL INFORMATION: APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TTCGCGACCCAACACTACTC 20
       ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
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STRANDEDNESS: single
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ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
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               Albara
STREET: 60
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US-08-887-505-68
                                                                                                          USA
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APPLICANT: Conn, Michael Morgan
APPLICANT: Pelligrini, Mathew
APPLICANT: Pelligrini, Mathew
APPLICANT: Pelligrini, Mathew
APPLICANT: Moon, Young-choon
APPLICANT: Almstead, Neil
TITLE OF INVENTION: METHOS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
TITLE OF INVENTION: METHOS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
TITLE OF INVENTION: STRUCTURAL MOTIFS
FILE REFERENCE: 10589-008
CURRENT APPLICATION NUMBER: 00/282,966
PRIOR APPLICATION NUMBER: 60/282,966
PRIOR FILING DATE: 2001-04-11
NUMBER OF SEO ID NOS: 28
SOFTWARE: Patentin version 3.2
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APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HERATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
; FILE REFERENCE: 10589-007-999
; CURRENT APPLICATION NUMBER: US/10/475,024
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: 60/282,965
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 50
; LENGTH: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20, Application US/10475026 Publication No. US20050142545A1
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Publication No. US20020081577A1
GENERAL INFORMATION:
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Best Local Similarity 100.0
Matches 20; Conservative
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Best Local Similarity 100.0
Matches 20; Conservative
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; ORGANISM: Homo sapiens
US-10-475-024-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
CORGANISM: Homo sapiens
US-10-475-026-20
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Best Local Similarity
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US-09-780-863-43/c
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LENGTH: 40
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APPLICANT:
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APPLICANT:
APPLICANT:
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Publication No. US20040073380A1;
Publication No. US20040073380A1;
Publication No. US20040073380A1;
APPLICANT: JOSEPh D. Puglisi
TITLE OF INVENTION: Structural Targets of Hepatitis C Virus
TITLE OF INVENTION: IRES Element;
FILE REFERENCE: STAN-196
CURRENT APPLICATION NUMBER: US/10/332,626
CURRENT APPLICATION NUMBER: US/10/332,626
PRIOR FILING DATE: 2003-09-08
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,673
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 20; DB 18; Length 29; Best Local Similarity 100.0%; Pred. No. 0.019; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 20; DB 8; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                  NAME: Kerner, Ann.Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-04OCIP
TELEPHONE: (617) 526-600
TELEPHONE: (617) 526-500
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
             APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFRCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 181, Application US/09790417
Patent No. US20010031470A1
GENERAL INFORMATION:
APPLICANT: Shultz, John W
APPLICANT: Lewis, Martin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TTCGCGACCCAACACTACTC 20
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CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA HYPOTHETICAL: NO
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US-08-887-505-74
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US-09-790-417-181/c
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APPLICANT: Wood, Keith V
APPLICANT: Wood, Keith V
APPLICANT: Welch, ROY
TITLE OF INVENTION: EXOGENOUS NUCLEIC ACID DETECTION
FILE REPERENCE: EXOGENOUS NUCLEIC ACID DETECTION
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: EARLIER PELLICATION NUMBER: US/09/406,147
PRIOR PILING DATE: EARLIER FILING DATE: 1999-09-27
PRIOR PILING DATE: EARLIER FILING DATE: 1999-02-18
PRIOR PILING DATE: EARLIER FILING DATE: 1999-02-18
PRIOR PILING DATE: EARLIER FILING DATE: 1998-03-18
PRIOR PILING DATE: EARLIER FILING DATE: 1998-03-18
SPIOR APPLICATION NUMBER: FILING DATE: 1998-03-18
SPIOR PILING DATE: EARLIER FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PATENTIN VET. 2.0
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Pred. No. 0.018;
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                                                                                                                                                          APPLICANI: 01501, Ryan J.
APPLICANI: 01501, Ryan J.
APPLICANI: Wood, Keith W.
APPLICANI: Wood, Keith W.
APPLICANI: Wood, Keith W.
APPLICANI: Wood, Keith W.
FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: 08/09/790,417
CURRENT FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/42,287
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
NUMBER: OF SEQ ID NOS: 290
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 181
LENGTH: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: probe for Hepatitis C US-09-790-417-181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 43, Application US/09780863
Publication No. US20030203358A1
GENERAL INFORMATION:
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Mandrekar, Michelle
Kephart, Daniel
Rhodes, Richard B.
Andrews, Christine A.
Hartnett, James R.
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Mandrekar, Michelle
Kephart, Daniel
Rhodes, Richard B
Andrews, Christine A
Hartnett, James R
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APPLICANT: Lewis, Martin K
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                                                                                                                                                                                                                                                                                       GENUL 2.38-416B-18/C
; Sequence 18, Application US/10318416B
; Publication No. US20040115643A1
; GENERAL INFORMATION:
; APPLICANT: Lizardi, Paul M.
; APPLICANT: GIALDANOV, Oleg G.
; TITLE OF INVENTION: THERMODYNAMIC EQUILIBRIUM EXTENSION OF TITLE OF INVENTION: PRIMERS
; FILE REFERENCE: 25006.0012U1
; CURRENT APPLICATION NUMBER: US/10/318,416B
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 19, Application US/10318416B
Publication No. US20040115643A1
GENERAL INFORMATION:
APPLICANT: Lizardi, Paul M.
TITLE OF INVENTION: PRERMODYNAMIC EQUILIBRIUM EXTENSION OF TITLE OF INVENTION: PRIMERS
FILE REFERENCE: 25006.0012U1
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 37
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
                                                                       Length 40;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:/note OTHER INFORMATION: synthetic construct
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US-10-318-416B-19
                                                                                                                 0; Indels
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100.0%; Score 20; DB 19;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 20; Conservative 0; Mismatches 0;
                                                                    Score 20; DB 19;
Pred. No. 0.018;
                                                                                                                   Mismatches
OTHER INFORMATION: synthetic construct
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                                                                    Query Match
Best Local Similarity 100.0%; P. Matches 20; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
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US-10-318-416B-19/c
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US-10-318-416B-6
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; Publication Vo. US20040115643A1
; Publication Vo. US20040115643A1
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Lizardi, Paul M.
; TITLE OF INVENTION: THERMODYNAMIC EQUILIBRIUM EXTENSION OF
; TITLE OF INVENTION: PRIMERS
; FILE REFERENCE: 25006.0012U1
; CURRENT APPLICATION NUMBER: US/10/318,416B
; CURRENT TILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 6
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100.0%; Score 20; DB 12; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 20; Conservative 0; Mismatches 0; Indels
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  Indels
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  0; Mismatches
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APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: Pro-103 6868/75528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/790,457 CURRENT FILING DATE: 2001-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: probe for Hepatitis C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US/09/358,972
PRIOR FILING DATE: 1999-07-22
PRIOR APPLICATION NUMBER: 09/252,436
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
                                                                                                                                                                                                    Sequence 181, Application US/09790457
Publication No. US20050214753A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                    APPLICANT: Shultz, John W
APPLICANT: Lewis, Martin K.
APPLICANT: Leeppe, Donna
APPLICANT: Mandrekar, Michelle
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine A.
APPLICANT: Hartnett, James R.
APPLICANT: Gu, Trent
APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Nood, Keith W.
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                                               1 TICGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 290
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 181
LENGTH: 40
  Conservative
                                                                                                                                                                                   US-09-790-457-181/C
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US-10-318-416B-6/c
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  Matches
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Sequence 31, Application US/10309438
Publication No US20030190604A1
GENERAL INFORMATION:
APPLICANT: Zhang, David Y.
APPLICANT: Brandwein, Maraget
APPLICANT: Hsuih, Terence C.H.
TITLE OF INVENTION: amplification method (RAM)
FILE REFRENCE: 251305/0031
CURRENT PILING DATE: 2003-04-08
PRIOR FILING DATE: 1996-04-23
PRIOR FILING DATE: 1996-07-31
PRIOR FILING DATE: 1996-07-31
PRIOR PILING DATE: 1996-07-31
PRIOR FILING DATE: 1996-07-31
PRIOR PILING DATE: 1996-07-31
PRIOR PILING DATE: 1996-07-31
PRIOR PILING DATE: 1996-05-20
PRIOR APPLICATION NUMBER: US 08/596,331
PRIOR FILING DATE: 1996-05-20
PRIOR FILING DATE: 1996-05-20
PRIOR FILING DATE: 1996-05-20
PRIOR FILING DATE: 1996-05-20
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                                                                                                                        100.0%; Score 20; DB 9; Length 108; illarity 100.0%; Pred. No. 0.017; Conservative 0; Mismatches 0; Indels
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100.0%; Score 20; DB 10; Length 1
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 20; Conservative 0; Mismatches 0; Indels
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J GENERAL LECKTRAILOR.

TITLE OF INVERTION: NUCLEIC ACID AMPLIFICATION METHODS
FILE REFERENCE: A29545-A-PCT-UGA-A 070165.0601
CURRENT APPLICATION NUMBER: US/09/978,261A
CURRENT FILING DATE: 2002-09-05
PRIOR FILING DATE: 1994-06-22
PRIOR APPLICATION NUMBER: 08/263,331
PRIOR PLILING DATE: 1996-02-22
PRIOR PLILING DATE: 1996-02-22
PRIOR PLILING DATE: 1996-02-22
PRIOR PLILING DATE: 1996-02-22
PRIOR FILING DATE: 1996-02-23
PRIOR FILING DATE: 1996-07-31
PRIOR FILING DATE: 1997-08-11
PRIOR FILING DATE: 1997-08-11
PRIOR FILING DATE: 2007-08-11
PRIOR FILING DATE: 2007-12-01
NUMBER OF SEQ ID NOS: 42
SOUTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Oligonucleotide probe US-09-978-261A-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 31, Application US/09978261A; Publication No. US20030175706A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                  1 TTCGCGACCCAACACTACTC 20
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ORGANISM: Artificial Sequence
misc_feature
1..108
                                                                                                                                                              Best Local Similarity
Matches 20; Conserv
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US-09-978-261A-31
; NAME/KEY:
; LOCATION:
US-09-728-265-31
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                                                                                                                                      Query Match
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SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/728,265
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: POKOLILOW, Steven B
REGISTRATION NUMBER: 26,405
REPERENCE/DOCKET NUMBER: Old 29545APCT/USA-B // New 251305/0018
TELECOMMUNICATION NUMBER: Old 29545APCT/USA-B // New 251305/0018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 31, Application US/09728265
Publication No. US20020182598A1
GENERAL INFORMATION:
APPLICANT: Zhang, David Y.
TITLE OF INVENTION: RAMIFICATION - EXTENSION AMPLIFICATION METHOD (RAM)
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                    Publication US/09870939
Publication No. US20020192650A1
GENERAL INFORMATION:
APPLICANT: AMORESE, DOUGLAS A.
APPLICANT: SHANNON, KAREN W.
APPLICANT: COLLINS, PATRICK J.
APPLICANT: WOLBER, PAUL K.
TITLE OF INVENTION: COMPOSITE ARRAYS
FILE REFERENCE: 10010791-1
CURRENT APPLICATION NUMBER: US/09/870,939
CURRENT PILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 1
SOFTWARE: PALENTIN VET: 2.1
SOFTWARE: PALENTIN VET: 2.1
SOFTWARE: PALENTIN VET: 2.1
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STREET: 180 Maiden Lane
CITY: New York
STATE: NY
COUNTRY: USA
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TTCGCGACCCAACACTACTC 20
      31 TTCGCGACCCAACACTACTC 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 108 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                  US-09-870-939-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-728-265-31
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   임
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100.0%; Score 20; DB 16; Length 194; 100.0%; Pred. No. 0.017; ive 0; Mismatches 0; Indels
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US-10-688-272-19/C
i Sequence 19, Application US/10688272
i Publication No. US20040091924A1
i GENERAL INFORMATION:
APPLICAMT: GeneMatrix Inc.; Kim, Nam-Keun
ITILE OF INVENTION: Method for detecting base mutation
FILE REFERENCE: 11281-014-999
CURRENT FILING DATE: 2003-10-18
PRIOR APPLICATION NUMBER: KR2002-0063832
PRIOR FILING DATE: 2003-10-18
PRIOR FILING DATE: 2003-10-18
PRIOR FILING DATE: 2003-09-02
NUMBER OF SEQ ID NOS: 33
i SOFTWARE: KAPACHARDE CONTING DATE: 2003-09-02
LENGTH: 226
                                                                                   SOFTWARE: Patentin Release #1.0. Version #1.30
SOFTWARE: Patentin Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/396,964
FILING DATE: US/3-MARCH-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
FILING DATE: 20-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: SIDLEY, KENNECH D.
REGISTRATION NUMBER: 31,665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 20; DB 18; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 THER INFORMATION: Resulting PCR fragment
                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      189 Trceceacceacactacte 170
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 12: SEQUENCE CHARACTERISTICS: LENGTH: 194 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hepatitis-C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: CDNA HYPOTHETICAL: NO
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ORIGINAL SOURCE:
ORGANISM: HeI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-396-964-12
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Pred. No. 0.017;
Mismatches 0; Indels
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Publication No. US20040137484A1

GENERAL INFORMATION:

APPLICANT: Zhang, David Y.

APPLICANT: Zhang, Wandi

TITLE OF INVENTION: Wucleic Acid Amplification Methods
FILE REFERENCE: 251305/0040

CURRENT FILING DATE: 2003-11-21

PRIOR FILING DATE: 2001-10-15

PRIOR PELING DATE: 2001-10-15

PRIOR PELING DATE: 2001-10-15

PRIOR PELING DATE: 2001-10-15

PRIOR FILING DATE: 2001-10-15

PRIOR FILING DATE: 2001-10-15

SPRIOR FILING DATE: 2001-10-15

SOFTWARE: Patentin version 3.2

SOFTWARE: Patentin version 3.2

LENGTH: 108
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; Publication No. US20030198946A1
; GENERAL INFORMATION:
    APPLICANT: Simmonds, Peter
    APPLICANT: Chan, Shiu-Wan
    APPLICANT: Tap, Peng L.
    TITLE OF INVENTION: Hepatitis-C Virus Testing
    NUMBER OF SEQUENCES: 53
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
    STREET: 1211 East Morehead Street
                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 0.0 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                   FEATURE:
// OTHER INFORMATION: Oligonucleotide primer US-10-309-438-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Oligonucleotide primer US-10-719-480-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Charlotte
STATE: No. US20030198946Alth Carolina
COUNTRY: United States
PRIOR APPLICATION NUMBER: 08/263,937
PRIOR FILING DATE: 1994-06-22
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
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                                                                                          SEQ ID NO 31
LENGTH: 108
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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Matches 20; Conservative
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US-10-396-964-12/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 32
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TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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US-09-882-95A-37/C

S SQUENCE 37, Application US/09882945A

Publication No. US20030143535A1

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Applicant; And and APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Veri, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFCATION: UNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 20; DB 9; Length 23
100.0%; Pred. No. 0.016;
/ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: MacKhight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE FOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/882,945A CURRENT FILING DATE: 2001-06-15 NUMBER OF SEQ ID NOS: 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECTULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA" SEQUENCE DESCRIPTION: SEQ ID NO: 37:
                                                                       APPLICANT: Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 199 TTCGCGACCCAACACTACTC 180
Sequence 37, Application US/09825574 Patent No. US20020119454A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TTCGCGACCCAACACTACTC 20
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                                                                                            Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 232 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 37: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                    SEQUENCES:
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                                                                                                                                                                                                                                    NUMBER OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-825-574-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 20; DB 18; Length 230; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 23, Application US/10688272;
Publication No. US20040091924A1;
GENERAL INFORMATION:
APPLICANT GeneMatrix Inc.; Kim, Nam-Keun;
TITLE OF INVENTYON: Method for detecting base mutation;
FILE REFERENCE: 11281-014-999;
CURRENT FILING DATE: 2003-10-17;
PRIOR FILING DATE: 2003-10-17;
PRIOR FILING DATE: 2003-10-18;
PRIOR FILING DATE: 2003-09-02;
NUMBER OF SEQ ID NOS: 33
SOFTWARE: KopatentIn 1.71;
SEQ ID NO 23
                                                                                                                                                               Sequence 22, Application US/10688272
Publication No. US20040091924A1
GENERAL INFORMATION:
APPLICANT: GeneMatrix Inc.; Kim, Nam-Keun
TITLE OF INVENTION: Method for detecting base mutation
FILE REFERENCE: 11281-014-999
CURRENT APPLICATION NUMBER: US/10/688,272
CURRENT FILING DATE: 2003-10-17
                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2002-10-18
PRIOR FILING DATE: 2002-10-18
PRIOR FILING DATE: 2002-10-18
PRIOR PILING DATE: 2003-09-02
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Kopatentin 1.71
LENGTH: 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Resulting PCR fragment US-10-688-272-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Regulting PCR fragment
US-10-688-272-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  204 rrcgcgacccaacacracrc 185
                                   200 TTCGCGACCCAACACTACTC 181
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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US-09-825-574-37/c
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SOFTWARE: Patentin version 3.0

Length 232;

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Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                  100.0%; Score 20; DB 21; Length 232; 100.0%; Pred. No. 0.016; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYBE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 20; DB 9;
100.0%; Pred. No. 0.016;
vative 0; Mismatches 0
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REGISTRATION NUMBER: 38,230
REFERENGE/DOCKET NUMBER: FORS-02980
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/825,574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/934,097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                         199 TTCGCGACCCAACACTACTC 180
                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 32, Application US/09825574; Patent No. US20020119454A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                        1 TTCGCGACCCAACACTACTC 20
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Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (415) 397-8
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                   SOFTWARE: PatentIn version 3.0 SEQ ID NO 37 LENGTH: 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: San Francisco
                                                                                 ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                        Best Local Similarity 100.
Matches 20; Conservative
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Best Local Similarity 100.
Matches 20; Conservative
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  NUMBER OF SEQ ID NOS: 128
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                                                                                                                                                                                                                                                                                                                                                             RESULT 41
US-09-825-574-32/c
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APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Dablibergy James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
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APPLICANT: Allawi, Hatim
APPLICANT: Allawi, Hatim
APPLICANT: Nerl, Bruce
APPLICANT: Nerl, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
                                                                                                                                                                    100.0%; Score 20; DB 10; Length 232; 100.0%; Pred. No. 0.016;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 20; DB 20; Length 232; 100.0%; Pred. No. 0.016;
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                                                                                                                                                                                                              0; Mismatches
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CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
PRIOR FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
LENGTH: 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT FILING DATE: 2003-09-04
PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR PLING DATE: 1998-05-05
                                                                                                                                                                                                                                                                                           Treecalectalcater 180
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 37, Application US/10807114 Publication No. US20040235024A1 GENERAL INFORMATION:
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                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
                                                                                                  ; OTHER INFORMATION: Synthetic US-09-882-945A-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic US-10-807-114-37
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Best Local Similarity 100.0
Matches 20; Conservative
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Matches 20; Conservative
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Fors, Lance
Neri, Bruce
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APPLICANT:
SEQ ID NO 37
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                                                                            FEATURE:
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| FUBLICATION W. USZUJO143535A1
| GENERAL INFORMATION:
| APPLICANT: Lyamichev, Victor
| APPLICANT: Dong, Fang
| APPLICANT: Dong, Fang
| APPLICANT: Wener, Bruce
| APPLICANT: Vener, Tatiana
| TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
| FILE REFERENCE: FORS-04586
| CURRENT APPLICATION NUMBER: US/09/882,945A
| CURRENT FILING DATE: 2001-06-15
| NUMBER OF SEQ ID NOS: 334
| SOFTWARE: Patentin version 3.0
| SEQ ID NO 36
| LENGTH: 239
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Publication No. US20040235024A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Allawi, Hatim
APPLICANT: Dong, Fang
APPLICANT: Near, Tatiana
APPLICANT: Near, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                           Length 239;
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Pred. No. 0.016;
; Mismatches 0;
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FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
SEQ ID NO 32
LENGTH: 239
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CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
PRIOR FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-882-945A-36/c
; Sequence 36, Application US/09882945A
; Publication No. US20030143535A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                          206 TTCGCGACCCAACACTACTC 187
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic US-09-882-945A-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 45
US-10-807-114-32/c
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                                                                                                                                                                               TYPE: DNA
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                                                                                                                                                                                                  APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Pors, Lance
Ners, Lance P.
ITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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APPLICANT: Nerl, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query March
100.0%; Score 20; DB 9; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/825,574

FILING DATE: 03-Apr-2001

CLASSIFTCATION: cUnknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/934,097

FILING DATE: cunknown>

ATTORNEY/AGNT INFORMATION:

NAME: MACHIGHT, MARCHIGHT, MARCHIGHT, MANE: MACHIGHT, MANE: ACHIGHT, MANE: COMPUNINGER: 130,230

REGISTRATION NUMBER: 38,230

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                          Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-882-945A-32/c

Sequence 32, Application US/09882945A

Publication No. US20030143535A1

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Allawi, Hatim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          206 TTCGCGACCCAACACTACTC 187
                                                                                                                              Sequence 36, Application US/09825574 Patent No. US20020119454A1 GENERAL INFORMATION:
       206 TTCGCGACCCAACACTACTC 187
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ropology: linear
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                                                                                RESULT 42
US-09-825-574-36/c
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Gaps

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APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Frudent, James
APPLICANT: Frudent, James
APPLICANT: Fors, Lance
APPLICANT: Bruce
APPLICANT: Brace-Lependent Reactions Using Structure-Bridging Oligonucleot
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR APPLICATION NUMBER: DOT/059/402,618B
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
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Fublication No. US20050069870A1
GENERAL INFORMATION:
APPLICANT: Innogenetics N.V.
TITLE OF INVENTION: New HCV clade and prototype sequences thereof
FILE REFERENCE: 157
CURRENT APPLICATION NUMBER: US/10/927,520
CURRENT FILING DATE: 2004-08-27
NUMBER OF SEQ ID NOS: 19
SEQ ID NOS: 19
SEQ ID NOS: 19
LENGTH: 239
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Pred. No. 0.016;
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100.0%; Score 20; DE
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 20; Conservative 0; Mismatches
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                         SOFTWARE: PatentIn version 3.0 SEQ ID NO 32 LENGTH: 239
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; ORGANISM: hepatitis C virus
US-10-927-520-9
                                                                                                  ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Hepatitis C virus
     NUMBER OF SEQ ID NOS: 128
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US-10-655-362-36/c
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LENGTH: 239
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APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT FILING DATE: 2003-09-04
PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05.
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APPLICANT: Lyamichev, Victor
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
PRIOR FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
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100.0%; Score 20; DB 20; Length 239;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels (
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Publication No. US20040235024A1
GENERAL INFORMATION:
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SEQ ID NO 32
LENCH: 239
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
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                                                                                                                         OTHER INFORMATION: Synthetic US-10-807-114-32
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Fors, Lance
Neri, Bruce
Brow, Mary Ann
Anderson, Todd
Dahlberg, James
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US-10-807-114-36/c
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Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                                                                                                                                                     0; Indels
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: CURROWN>
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100.0%; Pred. No. 0.016;
cive 0; Mismatches 0
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NAME: MacKhight, Kamrin T.
REGISTRATION NUMBER: 38, 230
REFERENCE/DOCKET NUMBER: FORS-02980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
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                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
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APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
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DESCRIPTION: /desc = "DNA"
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US-09-825-574-35
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TELEPHONE: (415) 705-8410
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 52
US-09-825-574-35/C
; Sequence 35, Application US/09825574
; Patent No. US20020119454A1
; GENERAL INFORMATION:
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Brow, Mary Ann D.
Fors, Lance
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                        397-8338
                                                                                LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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LENGTH: 240 base pairs
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STRANDEDNESS: double
                    TELEFAX: (415) 397-8:
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity
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Structure Probing With Structure-Bridging
                                                                                                                                                                                                                                Sequence 10, Application US/10927520
Publication No. US20050069870A1
GENERAL INFORMATION
TITLE OF INVENTION: New HCV clade and prototype sequences thereof
FILE REPERENCE: 157
CURRENT APPLICATION NUMBER: US/10/927,520
CURRENT FILING DATE: 2004-08-27
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin version 3.1
LENGTH: 239
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Score 20; DB 21; Length 239;
Pred. No. 0.016;
                                          Indels
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REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMUNICATION INFORMATION:
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COMPUTER READABLE FORM:

COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Very
CURRENT APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: CUNKNOWN-
FILING DATE: CUNKNOWN-
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
Query Match
100.0%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 20; Conservative 0; Mismatches
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
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Brow, Mary Ann D.
Fors, Lance
                                                                                                             200 TTCGCGACCCAACACTACTC 181
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nes 20; Conserv
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US-10-927-520-10/c
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Best Local
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APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Near, Bruce
APPLICANT: Verex, Tationa
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS.04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: PatentIn version 3.0
SEQ ID NO 33
LENGTH: 240
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APPLICANT: Allawi, Harim
APPLICANT: Dong, Fang
APPLICANT: Nori, Bruce
APPLICANT: Vener, Tariana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REPERRACE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SECTIMES: Patentin version 3.0
SECTIMES: Patentin version 3.0
LENGTH: 240
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TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
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100.0%; Score 20; DB 10;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 35, Application US/09882945A; Publication No. US20030143835A1; GENERAL INPORMATION: APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 38, Application US/09882945A; Publication No. US20030143535A1
GENERAL INFORMATION: APPLICANT: Lyamichev, Victor
APPLICANT: Allawi, Hatim
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; OTHER INFORMATION: Synthetic
US-09-882-945A-35
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Dong, Fang
Neri, Bruce
                       Allawi, Hatim
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                       APPLICANT:
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APPLICANT:
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Matches
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                                              Gaps
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Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: «Unknown>
PRIOR APPLICATION NUMBER: 08/934,097
FILING DATE: «Unknown>
ATTORREY/AGENT INFORMATION:
ATTORREY/AGENT INFORMATION:
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Pred, No. 0.016;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: FORS-02980 TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 705-8410 TELEFAX: (415) 397-838 INFORMATION FOR SEQ ID NO: 38: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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MOLECTULE TYPE: other nucleic acid
DESCRIPTION: / deec = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: MacKnight, Kamrin T. REGISTRATION NUMBER: 38,230
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                                                                                                                 207 TTCGCGACCCAACACTACTC 188
                                                                                                                                                                                                                                        Sequence 38, Application US/09825574 Patent No. US20020119454A1 GENERAL INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: double
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                    Best Local Similarity 100.0%; Matches 20; Conservative 0
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STATE: CA
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS
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nes 20; Conservative
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US-09-882-945A-33/c
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US-09-825-574-38/c
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CURRENT APPLICATION NUMBER: US/09/882,945A

APPLICANT: Lyamichev, Victor

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GENERAL INFORMATION:
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LENGTH: 240
SEQ ID NO 35
LENGTH: 240
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APPLICANT:
APPLICANT:
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APPLICANT:
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Publication No. US20040235024A1

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor

APPLICANT: Dong, Fang

APPLICANT: User, Tatiana

TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites

FILE REFERENCE: FORS.04586

CURRENT APPLICATION NUMBER: US/10/807,114

CURRENT FILING DATE: 2004-03-23

PRIOR APPLICATION NUMBER: US/09/882,945

PRIOR FILING DATE: 2001-06-15

NUMBER OF SEQ ID NOS: 334
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APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Dong, Tationa
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
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Publication No. US20040235024A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Allawi, Hatim
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    2001-06-15
CURRENT FILING DATE: 2001-06-1
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
SEQ ID NO 38
LENGTH: 240
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.0
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US-10-807-114-33/c
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LENGTH: 240
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APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot:
TITLE OF INVENTION INVERSE: US/10/655,362
CURRENT FILING DATE: 2003-09-04
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05
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APPLICANT: Neri, Bruce
APPLICANT: Vener, Tatiana
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT PAPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
                                                                                                                                                  Length 240;
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100.0%; Score 20; DB 20;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0;
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Pred. No. 0.016;
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                                                                                                                                                                                                                                                                                      207 TTCGCGACCCAACACTACTC 188
                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 38, Application US/10807114; Publication No. US20040235024A1
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TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
                                                FEATURE:
COTHER INFORMATION: Synthetic
US-10-807-114-35
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Best Local Similarity 100.0
Matches 20; Conservative
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OTHER INFORMATION: Description of Artificial Sequence: DNA sequence derived by OTHER INFORMATION: amplification of HCV type 1 using primers ST280 and ST778
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OTHER INFORMATION: Description of Artificial Sequence: DNA sequence derived by
OTHER INFORMATION: amplification of HCV type 1 using primers ST280 and ST778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 10. Application US/10087631B
Publication No. US20030054372A1
GENERAL INFORMATION:
APPLICANT: JARGER, STEPHAN
TITLE OF INVENTION: A WETHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A
TITLE OF INVENTION: CONTROL
FILE REPERENCE: 1803-335-999
CURRENT APPLICATION NUMBER: US/10/087,631B
CURRENT FILING DATE: 2002-03-01
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3:1
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Publication No. US20030165982A1
GENERAL INFORMATION:
APPLICANT: JAEGER, STEPHAN
TITLE OF INVENTION: A METHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A TITLE OF INVENTION: CONTROL
TITLE OF INVENTION: CONTROL
TITLE OF INVENTION: 2003-04-17
CURRENT APPLICATION NUMBER: US/10/419,022
CURRENT FILING DATE: 2003-04-17
PRIOR FILING DATE: 2002-03-01
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
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100.0%; Pred. No. 0.016; "Mismatches 0; Indels
PRIOR FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                         208 TTCGCGACCCAACACTACTC 189
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ORGANISM: Artificial Sequence
                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-38
                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.u
Best Local Similarity
Conservative
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LENGTH: 240
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LENGTH: 241
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LENGTH: 241
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CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR PILING DATE: 2000-07-18
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
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APPLICANT: Brow, MARY AND
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-bependent Reactions Using Structure-Bridging Oligonuclecti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT FILING DATE: 2003-09-04
PRIOR APPLICATION NUMBER: US/09/402,618B
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Pred. No. 0.016;
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US-10-65-362-38/c
; Sequence 38, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
. APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 35, Application US/10655362
Publication No. US20050014163A1
GENERAL INFORMATION:
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                     SOFTWARE: Patentin version 3.0
SEQ ID NO 33
LENGTH: 240
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APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
                                                                                                            ; ORGANISM: Hepatitis C virus US-10-655-362-33
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Anderson, Todd
Dahlberg, James
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                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 20; Conservative
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Fors, Lance
Neri, Bruce
  NUMBER OF SEQ ID NOS: 128
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LENGTH: 240
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APPLICANT:
APPLICANT:
                                                                                         TYPE: DNA
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STATE: CA
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US-09-825-574-29/c
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TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
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                                      Score 20; DB 16; Length 241;
Pred. No. 0.016;
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                                                                          0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: CA
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REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: 908-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ 1D NO: 26:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                              Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                          APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
                                                                                                                                          208 TTCGCGACCCAACACTACTC 189
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TYPE: nucleic acid
STRANDEDNESS: double
                                        100.0%;
100.0%;
                    Query Match
Best Local Similarity 100.،
المالية عندانا 20; Conservative
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Matches 20; Conservative
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US-09-825-574-27/c
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US-10-419-022-10
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Gaps
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Structure Probing With Structure-Bridging
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                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: TEACHER TORN MEDIUM TYPE: FORPY disk COMPUTER: IBM PC Compatible COMPUTER: IBM PC Compatible COMPUTER: Patentin Release #1.0, Version #1.30 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/825,574 FILING DATE: 03-Apr-2001 CLASSIFICATION : cUnknown>
PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/934,097
FILING DATE: cunknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: PORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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CORRESPONDENCE ADDRESS: CARROLL, LLP
ADDRESSEE: REDIEN & STREET, Suite 2200
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 20; DB 9; 100.0%; Pred. No. 0.016;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 29, Application US/09825574
Patent No. US20020119444A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
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LENGTH: 244 base pairs
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STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
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Best Local Similarity 100...
Best Local Similarity 100...
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APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
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APPLICANT: Neri, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 244;
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Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 0.016;
iive 0; Mismatches 0;
                                                            TELECOMMUNICATION INFORMATION:
TELEPONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGHY: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/882,945A CURRENT FILING DATE: 2001-06-15 NUMBER OF SEQ ID NOS: 334 SEQ ID NO 26 SEQ ID NO 26 LENGTH: 244
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DESCRIPTION: /desc = "DNA"
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SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-825-574-31
                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                        NAME: MacKnight, Kamrin T. REGISTRATION NUMBER: 38,230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 26, Application US/09882945A; Publication No. US20030143535A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 27, Application US/09882945A Publication No. US20030143535A1 GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor APPLICANT: Allawi, Hatim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             208 rrceceacceacacacracre 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           208 TTCGCGACCCAACACTACTC 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic US-09-882-945A-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Allawi, Hatim
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 70
US-09-882-945A-27/c
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Structure Probing With Structure-Bridging
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                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRING PAPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: «Unknown»
PROFILCATION NUMBER: 08/934,097
FILING DATE: «Unknown»
APPLICATION NUMBER: 08/934,097
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 244;
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COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    COMPUTER: IBM PC compatible
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: PatentIn Release #1.0, Version #1.30
    CURRENTION DATA:
    APPLICATION NUMBER: US/09/825,574
    FILING DATE: 03-Apr-2001
    CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
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Pred. No. 0.016;
                                                                                                                                                                                                                                                                                                                                             NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELECPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 0.0 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Oligonucleotides
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 31, Application US/09825574 Patent No. US20020119454A1 GENERAL INFORMATION:
                                                                 MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 29.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
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ORGANISM: Artificial Sequence
                              FEATURE:
COTHER INFORMATION: Synthetic
US-09-882-945A-31
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                                                                                                                                                                     Query Match 100.
Best Local Similarity 100.
Matches 20; Conservative
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US-10-807-114-26/c
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; Sequence 31, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
    APPLICANT: Lyamichev, Victor
    APPLICANT: Allawi, Hatim
    APPLICANT: Bruce
    APPLICANT: Neri, Bruce
    APPLICANT: Norman Accessible Hybridization Sites
    CURRENT APPLICATION: Nucleic Acid Accessible Hybridization Sites
    SEQ ID NUMBER: 244
    SEQ ID Nucleic Acid Accessible Hybridization Sites
    CURRENT APPLICATION: Nucleic Acid Accessible Hybridization Sites
    TIME REFERENCE: FORS-04586
    SEQ ID Nucleic Acid Accessible Hybridization Sites
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 29, Application US/09882945A
; Sequence 29, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Dong, Fang
; APPLICANT: Nerl, Bruce
; APPLICANT: Nerl, Bruce
; APPLICANT: Nerl, Bruce
; APPLICANT: Nerl, Bruce
; APPLICANT: Norl, State
; TILE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS.04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT PILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 244
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100.0%; Score 20; DB 10; Length 244;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
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Pred. No. 0.016;
; Mismatches 0; Indels
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100.0%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 20; Conservative 0; Mismatches
CURRENT APPLICATION NUMBER: US/09/882,945A CURRENT FILING DATE: 2001-06-15 NUMBER OF SEQ ID NOS: 334
SOFWARE: Patentin version 3.0 SEQ ID NO 27
LENGTH: 244
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                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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CTHER INFORMATION: Synthetic
US-09-882-945A-29
                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Synthetic
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                                                              Gaps
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APPLICANT: Neri, Bruce
APPLICANT: Vener, Tatiana
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
TITLE PEPERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
FRIOR PILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
SEQ ID NO 26
LENGTH: 244
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TITLE OF INVENTION: Method for detecting base mutation
FILE REFERENCE: 11281-014-999
CURRENT APPLICATION NUMBER: US/10/688,272
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: KR2002-0063832
PRIOR FILING DATE: 2002-10-18
PRIOR FILING DATE: 2003-10-18
PRIOR FILING DATE: 2003-09-02
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Kopatentin 1.71
SEQ ID NO 16
LENGTH: 244
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100.0%; Pred. No. 0.016;
tive 0; Mismatches 0;
                 Score 20; DB 10;
Pred. No. 0.016;
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; OTHER INFORMATION: 5'Noncoding region of HCV
US-10-688-272-16
                                                            Mismatches
100.0%; Scc.
100.0%; Pred
                                                                                                                                                                                                                                                  Sequence 16, Application US/10688272; Publication No. US20040091924A1; GENERAL INFORMATION:
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Best Local Similarity 100.0
Matches 20; Conservative
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TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
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100.0%; Score 20; DB 20;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
PRIOR FILING DATE: 2001-06-15
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US-10-655-362-26/C
; Sequence 26, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
                                                                                                                                                               ; Sequence 31, Application US/10807114; Publication No. US20040235024A1; GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.0
SEQ ID NO 31
LENGTH: 244
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Synthetic US-10-807-114-31
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APPLICANT: Allawi, Hatim
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Neri, Bruce
Brow, Mary Ann
Anderson, Todd
Dahlberg, James
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APPLICANT: Neri, Bruce
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APPLICANT: Jalawi, Hatim
APPLICANT: Jong, Fang
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
TITLE OF INVENITION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
PRIOR FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
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APPLICANT: Lyamichev, Victor
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
NUMBER OF SEQ ID NOS: 334
SOFTWARE: PatentIn version 3.0
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Score 20; DB 20; Length 244; Pred. No. 0.016;
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                                                                                                            208 TTCGCGACCCAACACTACTC 189
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Publication No. US20040235024A1
GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 20; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Synthetic US-10-807-114-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic US-10-807-114-29
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Best Local Similarity 100.
Matches 20; Conservative
Query Match
Best Local Similarity
Matches 20; Conserv
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LENGTH: 244
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APPLICANT: byamicuev, victor
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Dablberg, James
FILIS REFERENCE: 2003-09-04
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1999-05-05
NUMBER: PATENT APPLICANTON NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1999-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PATENTIN Version 3.0
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APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Ballberg, James
TITLE OF INVERTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PATENTING PATE: 1998-05-05
SEQ ID NO 124
LENGTH: 244
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Query Match
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels (
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Publication No. US20050014163A1
                                                                                                                                                                                                                                                                                          Sequence 31, Application US/10655362
Publication No. US20050014163A1
GENERAL INFORMATION:
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APPLICANT: Lyamichev, Victor
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APPLICANT: Lyamichev, Victor
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COGANISM: Hepatitis C virus
US-10-655-362-31
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Best Local Similarity
Matches 20; Conserv
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US-10-655-362-124
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APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Frident, James
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
APPLICANT: NorWINDIN: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE BEFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
SEQ ID NOS: 128
LENGHAL 244
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APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
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; Sequence 29, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                   Sequence 27, Application US/10655362
Publication No. US20050014163A1
GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 20; Conservative 0
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APPLICANT: Lyamichev, Victor
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; LENGTH: 244
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-655-362-29
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APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot:
TITLE REPERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT FILING DATE: 2003-09-04
PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
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APPLICANT: Law, Scott
APPLICANT: Hill, Bjork
TITLE.OP INVENTION: Determination of Hepatitis C Virus Genotype
FILE REFERENCE FORS-09463
CURRENT APPLICATION NUMBER: US/11/031,487
CURRENT FILING DATE: 2005-01-07
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.3
SEQ ID NO 64
LENGTH: 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 20; DB 21; Length 244; 80.0%; Pred. No. 0.016; ive 4; Mismatches 0; Indels (
                                                                                                                                       Length 244;
                                                                                                               Score 20; DB 21; Length 2-
Pred. No. 0.016;
Pred. no. 0.016;
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 128, Application US/10655362
Publication No. US20050014163A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 64, Application US/11031487
Publication No. US20050196750A1
GENERAL INFORMATION:
APPLICANT: Elagin, Vecheslav A.
                                                                                                                                                                                                                                                                          37 Tregegacceaacacracre 56
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                                                                                                                                       Query Match
Best Local Similarity 100.0%; P. Matches 20; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin version 3.0
SEQ ID NO 128
LENGTH: 244
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Synthetic
                     i LENGTH: 244
i TYPR: DNA
i CRGANISM: Hepatitis C virus
US-10-655-362-127
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Neri, Bruce
Brow, Mary Ann
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Best Local Similarity 80.v.
Local 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Prudent, James
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SEQ ID NO 127
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APPLICANT:
APPLICANT:
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APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dablberg, James
TILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT FILING DATE: 2003-09-04
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05
PRIOR FILING DATE: 1998-05-05
PRIOR FILING DATE: 1998-05-05
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APPLICANT: Dong, Fang
APPLICANT: Dyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Pros, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: PORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT FILING DATE: 2003-09-04
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                                                                   Score 20; DB 21; Length 244;
Pred. No. 0.016;
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                                                                                                                 0; Indels
                                                                                                                 0; Mismatches
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PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05
PRIOR FILING DATE: 1998-05-05
                                                                                                                                                                                                                                                                                                  US-10-655-362-125
, Sequence 125, Application US/10655362
; Publication No. US20050014163A1
; GENERAL INFORMATION:
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Publication No. US20050014163A1
GENERAL INFORMATION:
                                                                                                                                                               1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                          37 TTCGCGACCCAACACTACTC 56
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                                                                   Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 20; Conservative 0
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SEQ ID NO 125
LENGTH: 244
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) ORGANISM: Hepatitis C virus US-10-655-362-125
; ORGANISM: Hepatitis C virus US-10-655-362-124
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                                                                                                                                                                                                                 APPLICANT: Elagin, Vecheslav A.
APPLICANT: Law, Scott
APPLICANT: Law, Scott
APPLICANT: Hill, Bjork
TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
FILE REFERENCE: FORS-09463
CURRENT APPLICATION NUMBER: US/11/031,487
CURRENT FILING DATE: 2005-01-07
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 20; DB 24; Length 244; Pred. No. 0.016;
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; Bublication No. US20030148267A1
; CENERAL INFORMATION:
    APPLICANT: Schmidt, Emmett Vance
; APPLICANT: Chung, RAYMOND Taeyong
    TITLE OF INVENTION: SCREENING ASSAY FOR HEPATITIS C VIRUS
; TITLE OF INVENTION: ANTIVIRAL AGENTS
; FILE REFERENCE: 00786-539001
; CURRENT FILING DATE: 2002-11-08
; PRIOR PRILIGATION NUMBER: US 60/345,405
; PRIOR PRILIGATION NUMBER: 2001-11-09
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FESELESQ for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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, OTHER INFORMATION: Synthetic construct US-10-292-129-13
208 TTCGCGACCCAACACTACTC 189
                                                                                                                                         Sequence 68, Application US/11031487; Publication No. US20050196750A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       208 TICGCGACCCAACACTACTC 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 217 Trceceácceacacacracic 198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
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Best Local Similarity 100.0%; P;
Matches 20; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
COTHER INFORMATION: Synthetic
US-11-031-487-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Hepatitis C virus
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Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                     US-11-031-487-68/c
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US-10-920-040-1
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; Sequence 66, Application Wo. US20050196750A1
; Publication No. US20050196750A1
; GENERAL INFORMATION:
    APPLICANT: Blagin, Vecheslav A.
    APPLICANT: Hill, Bjork
    TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
    TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
    TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
    TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
    TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
    TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
    TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
    SOFTWARE: Patentin Nonese C VIII
    SEQ ID NO 66
    LENGTH: 244
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APPLICANT: Law, Scott
APPLICANT: Hill, Bjork
TITLE OF INVENTION: Determination of Hepatitis C Virus Genotype
FILE REFERENCE: FORS-0946:3
CURRENT APPLICATION NUMBER: 2005-01-07
NUMBER OF SEQ ID NOS: 69
SOFTWARE: Patentin version 3.3
SEQ ID NO 67
LENGTH: 244
                                                                                                                                               Query Match 100.0%; Score 20; DB 24; Length 244; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 20; Conservative 0; Mismatches
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                         NAME/KEY: misc_feature

LOCATION: (52)...(52)

; OTHER INFORMATION: n is a, c, g, or

US-11-031-487-64
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Publication No. US20050196750A1
GENERAL INFORMATION:
APPLICANT: Elagin, Vecheslav A.
                                                                                                                                                                                                                                                                                 208 TTCGCGACCCAACACTACTC 189
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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Matches 20; Conservative
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US-11-031-487-67/c
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1 TTCGCGACCCAACACTACTC 20

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TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS
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                                                                                                                   COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/940,925A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTEY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 20; DB 10; 100.0%; Pred. No. 0.016;
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                                              CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 121:
                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
    ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: CAREOLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FOI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 123, Application US/09940925A
Publication No. US20030054338A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                            FILING DATE: 10-Jun-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 10-Jun-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                218 TTCGCGACCCAACACTACTC 199
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 121
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: SAN FRANCISCO
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Best Local Similarity
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US-09-940-925A-123/c
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Sequence 67, Application US-10363177A
Publication No. US20050084851A1
GENERAL INFORMATION:
APPLICANT: Pyrosequencing AB
APPLICANT: The Board of Trustees of the Leland Stanford Junior University
APPLICANT: Roadghi, Mostafa
APPLICANT: Pourmand, Nader
APPLICANT: Ekstrom, Bjorn
TITLE OF INVENTION: Machood of nucleic acid typing and sequencing
FILLE REFERENCE: Docket 14629
CURRENT APPLICATION NUMBER: US/10/363,177A
CURRENT FILING DATE: 2003-03-06
NUMBER OF SEQ ID NOS: 72
SOPTWARE: Patentin version 3.0
SEQ ID NO 67
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                   APPLICANT: California Institute of Molecular Medicine
TITLE OF INVENTION: Method for Isolation and Replication of Infectious
TITLE OF INVENTION: Human Hepatitis-C Virus
FILE REFERENCE: 025503-000100US
CURRENT APPLICATION NUMBER: US/10/920,040
CURRENT FILING DATE: 2004-08-16
PRIOR FILING DATE: 2003-08-14
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: cloned index isolate #081 CIMM-HCV 5' untranslated OTHER INFORMATION: region (5'-UTR), probe obtained from automated DNA OTHER INFORMATION: sequencing
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Publication No. US20030054338A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 20; DB 22; Length 271; 100.0%; Pred. No. 0.016;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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APPLICANT: Salahuddin, Syed Zaki
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                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Hepatitis C virus US-10-363-177A-67
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CORRESPONDENCE ADDRESS
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Best Local Similarity 100.(
Matches 20; Conservative
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Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                                SEQ ID NO 1
LENGTH: 271
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Query Match
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Pred. No. 0.016;
; Mismatches 0; Indels
                                                                                                                                                                                                                                   Query Match 100.0%; Score 20; DB 10; Length 281; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: CALIFORNIA
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPEATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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RAPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: <UNAnown>
ATTORNEY/AGENT INFORMATION:
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SEQUENCE DESCRIPTION: SEQ ID NO: 126:
                                                                                                                    ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 123:
US-09-940-925A-123
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ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
(415) 705-8410
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                                                                                                                                                                                                                                                                                                                  1 TTCGCGACCCAACACTACTC 20
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                  TELEFAX: (415) 397-8338 INFORMATION FOR SEQ ID NO: 123: SEQUENCE CHARACTERISTICS:
                                                                       LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 281 base pairs
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STRANDEDNESS: double
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Best Local Similarity 100.0%;
Matches 20; Conservative 0;
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TELEPHONE:
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Publication No. US20030054338A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
              Sequence 127, Application US/09940925A
Publication No. US20030054338A1
GENERAL INFORMATION:
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION PATHOGENS
PATHOGENS
PATHOGENS
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                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 220 MONTGOMERY STREET, SUITE 2200 TIY: SAN FRANCISCO STATE: CALIFORNIA COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                        STREET: 220 MONTGOMERY STREET, SUITE 2200
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100.0%; Pred. No. 0.016;
iive 0; Mismatches 0;
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APPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                       COUNTRY: UNITED STATES OF AMERICA ZIP: 94104
COMPUTER READABLE FORM:
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 127:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDIEN & CARROLL
                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
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NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TTCGCGACCCAACACTACTC 20
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                              CITY: SAN FRANCISCO STATE: CALIFORNIA
                                                                                                                                                                                                   NUMBER OF SEQUENCES: 165
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COMPUTER READABLE FORM:
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Matches 20; Conservative
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US-09-940-925A-128
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US-09-940-925A-127
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LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                     Length 281;
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                                                                                                                                                                  Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDIEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                   Query Match 100.0%; Score 20; DB 10; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 0.016;
iive 0; Mismatches 0;
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APPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: UNITED STATES OF AMERICA
                          MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 129:
US-09-940-925A-129
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TOPOLOGY: line:
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MOLECULE TYPE: DNA (genomic)
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SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-940-925A-132
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NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 100
US-09-941-193A-121/c
Sequence 121, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 132, Application US/09940925A
; Publication No. US20030054338A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                              1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                         64 Tregegacceaacacraere 83
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LENGTH: 201 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 20; Conservative
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OLIVE, DAVID M.
TITLE OF INVENTION: PAPID DETECTION AND IDENTIFICATION OF PATHOGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 20; DB 10; Length 281; 100.0%; Pred. No. 0.016; Live 0; Mismatches 0; Indels (
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COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    COMPUTER: 1BM PC Compatible
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: PatentIn Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
    APPLICATION NAMBER: US/09/940,925A
    FILING DATE: 10-Jun-2002
    CLASSIFICATION: <u >Unknown></u>
                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32, 837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 128:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 129, Application US/09940925A Publication No. US20030054338A1 GENERAL INFORMATION: APPLICANT: BROW, MARY ANN D.
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        64 TTCGCGACCCAACACTACTC 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 397-83
UMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 20; Conservat
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Publication No. US20030108873A1
GENERAL INFORMATION:
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 20; DB 10; Length 281; larity 100.0%; Pred. No. 0.016; Conservative 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 281;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 220 MONTGOMERY STREET, SUITE 2200 CITY: SAN FRANCISCO STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 20; DB 10;
Pred. No. 0.016;
             ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 39-8338
INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FORS-01756
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APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: UNITED STATES OF AMERICA ZIP: 94104
                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 123: US-09-941-193A-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (genomic)
;
SEQUENCE DESCRIPTION: SEQ ID NO: 126:
US-09-941-193A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 218 rrcccacccaccacracrc 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 TICGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                  LENGTH: 281 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 397-83
INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%;
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STRANDEDNESS: double
                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
Matches 20; Conserv
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Publication No. US20030108873A1
GENERAL INPORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                    OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 20; DB 10; Length 281; 100.0%; Pred. No. 0.016;
                                                                                                 CORRESPONDENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDIEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
COUTRY: UNITED STATES OF AMERICA
COUNTRY: UNITED STATES OF AMERICA
COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPRY disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-AMG-2001
CLASSIFICATION: CINKNOWN>
ATTORNEY/AGENT INFORMATION:
NAMM: CARROLL, PETER G.
REGISTRATION NUMBER: FORS-01756
TELECOMUNINICATION INFORMATION:
TELECOMUNINICATION INFORMATION:
TELECOMUNINICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDIEN & CARROLL
STREET: 220 MONTGOMENY STREET, SUITE 2200
CITY: NONTGOMENY STREET, SUITE 2200
SIATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-09-941-193A-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
LYAMICHEV, VICTOR I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  218 TTCGCGACCCAACACTACTC 199
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: double
                                                                                       NUMBER OF SEQUENCES: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94104
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US-09-941-193A-123/c
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US-09-941-193A-129
; Sequence 129, Application US/09941193A
; Publication No. US20030108873A1
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
OLLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 281;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
SEARING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
RADLES MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 20; DB 10;
Pred. No. 0.016;
                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
PILING DATE: 28-Aug-2001
CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug.-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                 COUNTRY: UNITED STATES OF AMERICA
                                                                                      ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 128:
                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FOI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Scc
100.0%; Pre
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            64 rrccccaacacracrc 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                        397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 281 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (415) 397-8:
INFORMATION FOR SEQ ID NO: 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
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Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT
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LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
PATHOGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 128, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 20; DB 10; Length 281; 100.0%; Pred. No. 0.016; tive 0; Mismatches 0; Indels
  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-040-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENČE ADDRESS:
RADIEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
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0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: CALIFORNIA COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 127:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                                               Sequence 127, Application US/09941193A Publication No. US20030108873A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                      218 rrceceacceaceracre 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PATHOGENS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94104
COMPUTER READABLE FORM:
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Matches 20; Conservative
20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF
                                                                                                                                                                               US-09-941-193A-127
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; Sequence 123, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TICGCGACCCAACACTACTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 165
                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                   STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (415)
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                     US-10-409-594-121/C
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Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ch 100.0%; Score 20; DB 10; Length 281; Similarity 100.0%; Pred. No. 0.016; 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                           Query Match
100.0%; Score 20; DB 10; Length 281;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-Aug-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDIEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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COUNTRY: UNITED STATES OF AMERICA
                                                                                                     ;
TOPOLOGY: linear
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MOLECULE TYPE: DNA (genomic)
;
SEQUENCE DESCRIPTION: SEQ ID NO: 129:
US-09-941-193A-129
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCS/DOCKET NUMBER: FOI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 64 TTCGCGACCCAACACTACTC 83
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(415) 397-8338
               INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 281 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 132: SEQUENCE CHARACTERISTICS:
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Best Local Similarity
Matches 20; Conserv.
TELEFAX:
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Sequence 121, Application US/10409594

Publication No. US2005015871641

GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMCHEW, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 281;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC Compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                STREET: 220 MONTGOMERY STREET, SUITE 2200 CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 20; DB 22; 100.0%; Pred. No. 0.016;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409,594
FILING DATE: 08-APC-2003
CLASSIFICATION: UDKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FORS-01756
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                                                                                                                                                                                                                                                                                                                                COUNTRY: UNITED STATES OF AMERICA ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 121:
US-10-409-594-121
                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
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Gaps

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APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: PATHOGENS
PATHOGENS
                                                                                        Length 281;
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                                                                                        100.0%; Score 20; DB 22; Length 2
100.0%; Pred. No. 0.016;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 20; DB 22; Length 2
100.0%; Pred. No. 0.016;
iive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/10/409,594
FILING DATE: 08-Apr-2003
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 127:
) MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 126:
US-10-409-594-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
                                                                                                                                                                                                                                                                                                                                       Sequence 127, Application US/10409594 publication No. US20050158716A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 128, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
                                                                                                                                                                                                           218 TTCGCGACCCAACACTACTC 199
                                                                                                                                                                                 1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (415) 397-8338
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                        Query Match
Best Local Similarity 100.
Matches 20; Conservative
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FELEFAX:
                                                                                                                                                                                                                                                                                               RESULT 110
US-10-409-594-127
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LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 20; DB 22; Length 281; Pred. No. 0.016;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                       OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC Compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
0
                                                                                                                                              ATTORNEY AGENT INFORMATION:

NAME: CARROLL, PETER G.

REGISTATION UNDERR: 32,837

REFERENCE/DOCKET NUMBER: FORS-01756

TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 123:
SEQUENCE CHARACTERISTICS:
LENGHY: 281 base pairs

TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409,594
FILING DATE: 08-Apr-2003
CLASSIFCATION: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REGISTRATION NUMBER: 92,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
COMPUTER READABLE FORM:
                                                                                      APPLICATION NUMBER: US/10/409,594
FILING DATE: 08-Apr-2003
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 123:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 126, Application US/10409594 Publication No. US20050158716A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   218 Trceceaccaacacracrc 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PATHOGENS
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 126: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0%;
Matches 20; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-409-594-126/c
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; Publication No. US20050158716A1
; GENERAL INFORMATION:
   APPLICANT: BROW, MARY ANN D.
   LYAMICHEV, VICTOR I.
   OLITE, DAVID M.
   TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                           Length 281;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 281;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409, 594
FILING DATE: 08-APF-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE:
ADDRESSEE: MEDLEN & CARROLL
STREET: S.220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 20; DB 22;
100.0%; Pred. No. 0.016;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 20; DB 22;
100.0%; Pred. No. 0.016;
iive 0; Mismatches 0;
                 NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32, 837
REGISTRATION OF THE SECONDARY STATE OF TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 129:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECTIE TYPE: DAM. (genomic);
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-409-594-132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: TELECOMMUNICATION :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PATHOGENS
                                                                                                                                 TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTER.STICS:
LENGTH: 281 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TTCGCGACCCAACACTACTC 83
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
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Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                        Sest Local Similarity 100. Atches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     roPoloGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 113
US-10-409-594-132
                                                                                                                                                                                                                                                                                                                                                    US-10-409-594-129
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Publication No. US20050158716A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHRV, VICTOR I.
OLLYWENTION: RAPID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
OLIVE, DAVID M. TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 22; Length 281; 0.016; hes 0; Indels
                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: BM PC compatible
OMPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409,594
FILING DATE: 08-APP.-2003
CLASSIFLATION . cUnknown>
ATTORNEY/AGENT INFORMATION:
NAWE: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REGISTRATION NUMBER: 32,837
REGISTRATION NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 20; DE Best Local Similarity 100.0%; Pred. No. 0.0 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
                                                                                                                                                                                      STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409,594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: DNA (genenic) SEQUENCE DESCRIPTION: SEQ ID NO: 128: US-10-409-594-128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 08-Apr-2003
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PATHOGENS
                                                PATHOGENS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 281 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: double
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                                                                         SEQUENCES:
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Sequence 124, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF PATHOGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 20; DB 10; Length 282; 100.0%; Pred. No. 0.016; ive 0; Mismatches 0; Indels
                                                                                     COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Detentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INPORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: PORS-01756
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE: MEDLEN & CARROLL
STREET: S.220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/941,193A
                      COUNTRY: UNITED STATES OF AMERICA ZIP: 94104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: GOUDLE

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 130:
US-09-940-925A-130
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 28-Aug-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 282 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
                                                                      COMPUTER READABLE FORM:
     CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 116
US-09-941-193A-124/c
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                                                                                                                                                            Sequence 124, Application US/09940925A
Publication No. US20030054338A1
GENERAL INPORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAFID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 20; DB 10; Length 282; 100.0%; Pred. No. 0.016;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: cUnknown>
                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESS: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: MEDLEN & CARROLL STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: UNITED STATES OF AMERICA ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-09-940-925A-124
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Publication No. US20030054338A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    219 TTCGCGACCCAACACTACTC 200
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20
                                          64 Tregedacecaacactacte 83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 282 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 124:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                          US-09-940-925A-124/c
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US-09-940-925A-130
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US-10-409-594-124/c
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LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 20; DB 10; Length 282;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                 DB 10; Length 282; 0.016;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTY: UNITED STATES OF AMERICA

CONDUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/941,193A

FILING DATE: 28-Aug-2001

CLASSIFICATION: (Unknown)
                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENČE ADDRESS:
RADIES MEDLES: MEDLES:
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PEFER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 39-8338
INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                              100.0%; Sco...
100.0%; Pred. No. ...
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 130:
US-09-941-193A-130
                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-09-941-193A-124
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 130, Application US/09941193A Publication No. US20030108873A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                          219 TICGCGACCCAACACTACTC 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PATHOGENS
                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 282 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                  SEQUENCE CHARACTERISTICS:
LENGTH: 282 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TTCGCGACCCAACACTACTC
INFORMATION FOR SEQ ID NO: 124:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: CALIFORNIA
                                                                                                                                                                                                   Query Match
Best Local Similarity 100.C
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                         US-09-941-193A-130
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RESULT 118

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                                                                                              LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 282;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 165
CORRESPONDENCE ADDRESS:
ADDRESSES: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
                                                                                                                                                                                                                               ADDRESSEE: MEDLEN & CARROLL STREET, SUITE 2200 CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 20; DB 22;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FORS-01756
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                                                                                                                                                                                                                                                                                                                             COUNTRY: UNITED STATES OF AMERICA ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/409,594
FILING DATE: 08-Apr-2003
CLASSIFICATION: <UNKnown>
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REGISTRATION NUMBER: 32,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: Innear

MOLECULE TYPE: DIA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-10-409-594-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 130, Application US/10409594
Publication No. US20050158716A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
Sequence 124, Application US/10409594
; Publication No. US20050158716A1
; GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: ETELECOMMUNICATION INFORMATION: TELEPHONE: (415) 705-8410
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                                                                                                                                                                    PATHOGENS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (415) 397-8336
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 282 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                          NUMBER OF SEQUENCES: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
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US-10-409-594-130
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Gaps

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APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT APPLICATION DONG: 334
SOFTWARE: Patentin version 3.0
SSQ ID NO 21
LENGTH: 286
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APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Nerie, Tations Acid Accessible Hybridization Sites
TILE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/09/882,945
PRIOR APPLICATION NUMBER: US/09/882,945
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 20; DB 10; Length 286; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                         Match 100.0%; Score 20; DB 9; Length 286; Local Similarity 100.0%; Pred. No. 0.016; es 20; Conservative 0; Mismatches 0; Indels
                                                                   TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-825-574-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-882-945A-21/c

'Sequence 21, Application US/09882945A

'Publication No. US20030143535A1

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 21, Application US/10807114; Publication No. US20040235024A1; GENERAL INFORMATION: APPLICANT: Lyamichev, Victor; APPLICANT: Allawi, Hatim
                                                                                                                                                                                                                                                                                                                                                                             222 Trceceacceacacracic 203
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
LENGTH: 286 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic US-09-882-945A-21
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LENGTH: 286
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Matches
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Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 20; DB 22; Length 282; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
                    CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/409,594
FILIND DATE: 08-Apr-2003
CLASSIFICATION: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: PORS-01756
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 705-8410
TELEPAX: (415) 397-8338
INFORMATION FOR SEQ 1D NO: 130:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94104

COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRINT APPLICATION DATA:
PILING DATE: 03-Apr-2001
CLASSIFICATION: <a href="https://documents.com/">Unknown></a>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Suite 2200
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REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 130:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
  OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 220 Montgomery Street,
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/934,097
FILING DATE: «UNKNOWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 21, Application US/09825574 Patent No. US20020119454A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TICGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               64 TTCGCGACCCAACACTACTC 83
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INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 282 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 120
US-09-825-574-21/C
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Brow, Mary Ann D.
Brow, Bruce P.
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
COMPUTER: IBM PC compatible
COMPUTER: IBM PC.DOS/MS-DOS
COFERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSER: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:

RPPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
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                                                                                                                                                                    PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/934,097
                                                                                                                                                                                                                                                                                                                                                                (415) 705-8410
15) 397-8338
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 289 base pairs
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415) 397-8
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
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ZIP: 94104
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Publication No. US2005001416341

GENERAL INFORMATION:

APPLICANT: Dong, Fame
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Pore, Mary Ann
APPLICANT: Pore, Mary Ann
APPLICANT: Pore, James
APPLICANT: Pore, James
APPLICANT: Pore, Mary Ann
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REPERBNCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-09-04
PRIOR FILING DATE: 2000-09-04
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SEQ ID NO 21
LENGTH: 286
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Brow, Mary Ann D.
Fors, Lance
Neri, Bruce
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                              Query Match
100.0%; Score 20; DB 20; Length 286;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels 0
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CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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       ; FEATURE:
; OTHER INFORMATION: Synthetic US-10-807-114-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.º
Matches 20; Conservative
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TYPE: DNA ORGANISM: Artificial Sequence
  LENGTH: 289
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Publication No. US20030143535A1
Publication No. US20030143535A1
APPLICANT: INPORMATION:
APPLICANT: Dyamichev, Victor
APPLICANT: Dyamichev, Victor
APPLICANT: Dyamichev, Victor
APPLICANT: Drain Hatim
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Allawi, Hatim
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
APPLICANT: Vener, Tationa
TITLE OF INVENTION: Mucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
100.0%; Score 20; DB 10; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                      'Match 100.0%; Score 20; DB 9; Length 289; Local Similarity 100.0%; Pred. No. 0.016; les 20; Conservative 0; Mismatches 0; Indels
                   TELEPHONE: (415) 705-8410
TELEFAX: (415) 39-8338
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 289 base pairs
LENGTH: 289 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: \desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
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APPLICANT: Lyamichev, Victor
TELECOMMUNICATION INFORMATION
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SOFTWARE: Patentin version 3.0
SEQ ID NO 20
LENGTH: 289
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic US-09-882-945A-20
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US-09-882-945A-20/c
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Matches
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Sequence 20, Application Wo. US20040235024A1

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Dong, Fang
APPLICANT: Werl, Bruce
CURRENT APPLICATION: Nucleic Acid Accessible Hybridization Sites
FILE REFREENCE: FORS.04586
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT APPLICATION NUMBER: US/09/882,945
FRIOR APPLICATION NUMBER: US/09/882,945
NUMBER OF SEQ ID NOS: 334
SOFTWARE: PatentIn version 3.0
SOFTWARE: PatentIn version 3.0
LENGTH: 289
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Publication No. US20040235024A1

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Alawi, Hatim
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Nucleic Acid Accessible Hybridization Sites
FILE REFRERENCE: FOSS-04566
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
PRIOR PPLING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: PatentIn version 3.0
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ORGANISM: Artificial Sequence
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                          FEATURE: OTHER INFORMATION: Synthetic
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                                                                                                                                                      Best Local Similarity 100.
Matches 20; Conservative
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Sequence 7, Application US/09345761

Patent No. US20010053518A1

GENERAL INFORMATION:
APPLICANT: SAITON:
APPLICANT: SAITON, Takaniko

APPLICANT: SAITON, Takaniko

APPLICANT: SAITON, Juichi

APPLICANT: SAITON, Juichi

APPLICANT: SAITON, METHOD OF ASSAY OF TARGET NUCLEIC ACID

FILE REFERENCE: Q54969

CURRENT FILING DATE: 1999-07-01

PRIOR APPLICATION NUMBER: US/09/345,761

CURRENT FILING DATE: 1999-07-01

PRIOR FILING DATE: 1998-07-01

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin version 3.0

SEQ ID NOS: 7

SEQ ID NOS: 7
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Publication No. US20040115718A1

GENERAL INFORMATION:

APPLICANT: ISHIGURO, Takahiko

APPLICANT: ISHIGURO, Takahiko

APPLICANT: ISHIZUKA, Tetsuya

TITLE OF INVENTION: METHOD OF ASSAY OF TARGET NUCLEIC ACID

FILE REFERENCE: Q54969

CURRENT APPLICATION NUMBER: US/10/687,588

CURRENT APPLICATION NUMBER: US/09/345,761

PRIOR FILING DATE: 1999-07-01

PRIOR PILING DATE: 1999-07-01

PRIOR SPLING DATE: 1999-07-01

PRIOR SEQ ID NOSE: 7

NUMBER OF SEQ ID NOSE: 7

SOFTWARE: PATENTIN version 3.0
                                                                                                                                                                                                                                     Query Match 100.0%; Score 20; DB 21; Length 289; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
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SOFTWARE: PatentIn version 3.0 SEQ ID NO 23 LENGTH: 289
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; ORGANISM: Synthetic Construct
US-10-687-588-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: RNA
; ORGANISM: Synthetic Construct
US-09-345-761-7
                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                           ; OTHER INFORMATION: Synthetic US-10-655-362-23
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US-10-687-588-7/c
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                                                                                                                                          FEATURE:
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Publication No. US2005001416341
Sequence 20, Application US/10655362
Publication No. US2005001416341
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Prudent, James
APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Dailberg, James
APPLICANT: Dailberg, James
APPLICANT: Brow, Mary Ann
APPLICANT: Parget-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT PILING DATE: 2003-09-04
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APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Prudent, James
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/10/655,362
CURRENT FILING DATE: 2003-094
PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
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Pred. No. 0.016;
                                                                                                      Query Match
100.0%; Score 20; DB 20; Length 289;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
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PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
ENGTH: 289
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PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
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Publication No. US20050014163Al
GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
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Best Local Similarity 100.0%;
Matches 20; Conservative 0
  ; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-23
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Sequence 68, Application US/10363177A
Publication No. US20050084851A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pyrosequencing AB
APPLICANT: Ronaghi, Mostafa
APPLICANT: Ronaghi, Mostafa
APPLICANT: Exercom, Bjorn
ITILE OF INVENTION: Method of nucleic acid typing and sequencing
FILE REFERENCE: Docket 14629
CURRENT APPLICANTON NUMBER: US/10/363,177A
CURRENT PILING DATE: 2003-03-06
NUMBER OF SEQ ID NOS: 72
NUMBER OF SEQ ID NOS: 72
NUMBER OF SEQ ID NOS: 72
                    Pyrosequencing AB The Deland Stanford Junior University
                                   APPLICANT: The Board of Trustees of the Leland Stanford Junior U APPLICANT: Ronaghi, Mostafa APPLICANT: Ronaghi, Mostafa APPLICANT: Pourmand, Nader APPLICANT: Pourmand, Nader APPLICANT: Ekstrom, Bjorn TITLE OF INVENTION: Method of nucleic acid typing and sequencing TITLE OF INVENTION: Method of nucleic acid typing and sequencing CURRENT APPLICANTON NUMBER: US/10/363,177A CURRENT PILING DATE: 2003-03-05 NUMBER OF SEQ ID NOS: 72 SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                Length 305;
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APPLICANT: SAITOH, Juichi
APPLICANT: ISHIZUKA, Tetsuya
TITLE OF INVENTION: METHOD OF ASSAY OF TARGET NUCLEIC ACID
FILE REPERBNCE: Q54969
                                                                                                                                                                                                                                                                                                                                                                                                         Score 20; DB 21; Length or Pred. No. 0.016;
                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Scc.
100.0%; Pred. No. c.
0; Mismatches
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Patent No. US200100053518A1
GENERAL INFORMATION:
APPLICANT: ISHIGURO, Takahiko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TTCGCGACCCAACACTACTC 20
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SEQ ID NO 68
LENGTH: 305
                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-363-177A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-363-177A-68
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
Matches 20; Conservative
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US-10-363-177A-68/c
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Publication No. US20030152591A1
GENERAL INFORMATION:
APPLICANT: Innogenetics N.V.
TITLE OF INVENTION: New hepatitis C virus genotype 13, and its use as prophylactic,
TITLE OF INVENTION: therapeutic and diagnostic agents
FILE REFERENCE: INNX-124-EP
CURRENT APPLICATION NUMBER: US/10/230,381
CURRENT FILING DATE: 2002-08-29
NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatentIn version 3.1
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Sequence 63, Application US/10363177A

Publication No. US20050084851A1

Publication No. US20050084851A1

APPLICANT: Pyrosequencing AB

APPLICANT: Pyrosequencing AB

APPLICANT: Ronaghi, Mostafa

APPLICANT: Pourmand, Nader

APPLICANT: Pourmand, Nader

TITLE OF INVENTION: Method of nucleic acid typing and sequencing

FILE REFERENCE: Docket 14629

CURRENT APPLICATION WUMBER: US/10/363,177A

CURRENT FILING DATE: 2003-06

NUMBER OF SEQ ID NOS: 72

SOFTWARE: PatentIn Version 3.0

LENGTH: 305
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Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches الماكمة م
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1. Similarity 100.0%; Score 20; DB 19; Length 298;
20; Conservative 0; Mismatches 0. Trans
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Pred. No. 0.016;
Mismatches 0; Indels
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100.0%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 20; Conservative 0; Mismatches
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US-10-363-177A-64/c
Sequence 64, Application US/10363177A
Publication No. US20050084851A1
GENERAL INFORMATION:
                                                                                                                                                261 TTCGCGACCCAACACTACTC 242
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Hepatitis C virus
                 Query Match
Best Local Similarity
Matches 20; Conserv
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US-10-230-381-1/C
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LENGTH: 299
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Gaps

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TYPE: RNA ORGANISM: Hepatitis C virus
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Best Local Similarity 100.0
Matches 20; Conservative
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US-09-882-945A-245/c
                                                                                                                                                            US-09-882-945A-242/c
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LENGTH: 328
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Sequence 240, Application US/09882945A

Publication No. US20030143535A1

GENERAL INFORMATION:

APPLICANT: Alawi, Hatim

APPLICANT: Dong, Fang

APPLICANT: Dong, Fang

APPLICANT: Tatiana

TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites

FILE REFRENCE: FORS-04586

CURRENT APPLICATION NUMBER: US/09/882,945A

CURRENT APPLICATION NUMBER: US/09/882,945A

SOFTWARE: PATENTING DATE: 2001-06-15

NUMBER OF SEQ ID NOS: 334

SOFTWARE: PATENTIN VERSION 3.0

SEQ ID NO 240

LENGTH: 328
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Publication No. US20040115718A1

GENERAL INFORMATION:

APPLICANT: ISHIGURO, Takahiko

APPLICANT: ISHIGURO, Takahiko

APPLICANT: ISHIGURO, Tetsuya

TITLE OF INVENTION: METHOD OF ASSAY OF TARGET NUCLEIC ACID

FILE REFERENCE: G54969

CURRENT APPLICATION NUMBER: US/10/687,588

CURRENT APPLICATION NUMBER: US/09/345,761

PRIOR APPLICATION NUMBER: US/09/345,761

PRIOR APPLICATION NUMBER: US/09/345,761

PRIOR FILING DATE: 1999-07-01

PRIOR FILING DATE: 1999-07-01

PRIOR FILING DATE: 1998-07-01

SPIOR APPLICATION NUMBER: US/09/345,761

NUMBER OF SEQ ID NOS: 7
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100.0%; Score 20; DB 10; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                 Query Match 100.0%; Score 20; DB 9; Length 315; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                    1 TTCGCGACCCAACACTACTC
; SEQ ID NO 6
; LENGTH: 315
; TYPE: DNA
; ORGANISM: Synthetic Construct
US-09-345-761-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA; ORGANISM: Synthetic Construct US-10-687-588-6
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US-09-882-945A-240/c
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LENGTH: 315
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APPLICANT: Lyamichev, Victor
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Neri, Bruce
APPLICANT: None, Tatiana
FILLE REPERENCE: FORS-04586
CURRENT APPLICATION UNDBER: US/09/882,945A
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin Version 3.0
SEQ ID NO 242
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APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Vener, Tations
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 201-06-15
NUMBER OF SEG ID NOS: 334
SOFTWARE: PatentIn version 3.0
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100.0%; Score 20; DB 10; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                             Sequence 242, Application US/09882945A publication No. US20030143535A1 GENERAL INFORMATION:
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US-10-475.024-18/c
; Sequence 18, Application US/10475024
; Publication No. US20040219545A1
; GENERAL INFORMATION:
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                                  257 TTCGCGACCCAACACTACTC 238
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1 TTCGCGACCCAACACTACTC 20
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Sequence 18, Application US/10475026

Sequence 18, Application No. US2050142545A1

GENERAL INPORMATION:
APPLICANT: Conn, Michael Morgan
APPLICANT: Conn, Michael Morgan
APPLICANT: Pelligrini, Mathew
APPLICANT: Moon, Young-choon
APPLICANT: Office Application
APPLICANT: Office Application
APPLICATION NUMBER: US/10/475,026
CURRENT FILING DATE: 2001-04-11
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Allawi, Herim
APPLICANT: Allawi, Herim
APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
TILLGANT: Dong, Fang
TILLE OF INVENTION: Tationa
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REPERENCE: FORS-04586
CURRENT PILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2001-06-15
PRIOR PILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
SEQ ID NO 245
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                                                                                                                                                                                                                        Score 20; DB 20; Lengtn J. Pred. No. 0.016;
                                                                                                                                                                                                                                100.0%; Scc.
100.0%; Pred. No. ...
0; Mismatches
PRIOR APPLICATION NUMBER: US/09/882,945
PRIOR FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: PatentIn version 3.0
SEQ ID NO 242
LENGTH: 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-807-114-245/c
; Sequence 245, Application US/10807114
; Publication No. US20040235024A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                          257 TTCGCGACCCAACACTACTC 238
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                                                                                                                                                                      ; ORGANISM: Hepatitis C virus US-10-807-114-242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-807-114-245
                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.
Matches 20; Conservative
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Matches 20; Conservative
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US-10-475-026-18/c
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                    APPLICANT: Welch, Ellen
TITLE OF INVENTION: METHODS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
TITLE OF INVENTION: METHODS FOR IDENTIFYING SMALL MOLECULES THAT BIND SPECIFIC RNA
FILE REFERENCE: 10589-007-999
CURRENT PELLING NUMBER: 08/10/475,024
CURRENT FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: 60/282,965
PRIOR FILING DATE: 2001-04-11
SNUMBER OF SEQ ID NOS: 31
SOFTWARE: Patentin version 3.0
SEQ ID NO 18
LENGTH: 328
TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jamai, Haine
APPLICANT: Allawi, Haine
APPLICANT: Nori, Buce
APPLICANT: Nori, Buce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT FILING DATE: 2004-03-23
PRIOR APPLICATION NUMBER: US/10/882,945
PRIOR PILING DATE: 2001-05
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin Version 3.0
SEQ ID NO 240
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APPLICANT: Neri, Bruce
APPLICANT: Vener, Tationa
IITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/10/807,114
CURRENT FILING DATE: 2004-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                            Score 20; DB 20; Length 328; Pred. No. 0.016; Mismatches 0; Indels
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100.0%; Score 20; DB 20; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
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Publication No. US20040235024A1
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Publication No. US20040235024A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                263 rrceceaeceaeceraere 244
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-807-114-240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
  APPLICANT: Rando, Robert F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Allawi, Hatim
                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 145
US-10-807-114-242/C
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Sequence 45, Application US/10033297;
Publication No. US20020187486A1
GENERAL INFORMATION:
Injamichev, Victor I.
Mast, Andrea L.
Brow, Mary Ann D.
TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
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Publication No. US20050164177A1

GENERAL INFORMATION:
APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Enith, Lloyd M.
TITLE OF INVENTION: Reactions on a Solid Surface
FILE REFERENCE: FORS-04904
CURRENT APPLICATION NUMBER: US/09/732,622A
CURRENT FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 410
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 20; DB 10;
100.0%; Pred. No. 0.016;
live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 20; DB 12;
Pred. No. 0.016;
; Mismatches 0;
                                                                                                                                NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40, 027
REFERENCE/DOCKET NUMBER: FORS-02564
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1 (415) 705-8410
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-UUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 24-JAN-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: not relevant TOPOLOGY: not relevant MOLECULE TYPE: RNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 56:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 274 Tregedacceaacacraere 255
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                                                                                                                                                                                                                                              TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 337 base pairs
TYPE: mucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 TTCGCGACCCAACACTACTC 20
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100.0%; Pr
tive 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic US-09-732-622A-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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Matches 20; Conservative
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Publication No. US20030096245A1

GENERAL INFORMATION:

APPLICANT: Prudent, James R.

Lyamichev, Victor I.

Lyamichev, Victor I.

TITLE OF INVENTION: Invasive Cleavge Of Nucleic Acids

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco

STATE: Callifornia

COUNTRY: United States Of America
                                                                                    Query Match
100.0%; Score 20; DB 22; Length 328;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 337;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 20; DB 10; 1
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                    US-09-940-244-45/c
US-09-940-244-45/c
Sequence 45, Application US/09940244
PUBLICANT: NET, BRUCE P.
APPLICANT: NET, BRUCE P.
APPLICANT: Hall, Jeff G.
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Smith, Lloyd M.
TILE OF INVENTION: Reactions on Dendrimers
FILE REFERENCE: FORS-06478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/982,667
FILING DATE: 18-Oct-2001
CLASSIPICATION: <UNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/940,244
CURRENT FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 422
SSCTWARE: Patentin version 3.1
LENGTH: 337
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                                                                                                                                                                                                                                263 rrceceaeceaecacraere 244
                                                                                                                                                                                   1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
COTHER INFORMATION: Synthetic
US-09-940-244-45
    ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-475-026-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 149
US-09-982-667-56/c
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| Publication No. US20030152942A1 |
| GENERAL INFORMATION: |
| APPLICANT: Fors, Lance P. |
| APPLICANT: Brow, Mary Ann D. |
| APPLICANT: Ge Arruda Indig, Monika |
| APPLICANT: A GARRIA Indig, Monika |
| APPLICANT: A GARRIA INDERIA |
| TITLE OF INVENTION: Nucleic Acid Detection in Pooled Samples |
| TITLE OF INVENTION: Nucleic Acid Detection in Pooled Samples |
| CURRENT APPLICATION NUMBER: 60/289,764 |
| PRIOR PRILING DATE: 2001-10-02 |
| PRIOR APPLICATION NUMBER: 60/289,764 |
| PRIOR PLING DATE: 2001-05-09 |
| NUMBER OF SEQ ID NOS: 139 |
| SEQ ID NO 136 |
| LENGTH: 337 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 20; DB 13; Length 337; 100.0%; Pred. No. 0.016; Live 0; Mismatches 0; Indels (
                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPRAING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/081,806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; STRANDEDNESS: No. US20020197623A1 Relevant; TOPOLOGY: No. US20020197623A1 Relevant; MOLECULE TYPE: RNA (Genomic); SEQUENCE DESCRIPTION: SEQ ID NO: 56: US-10-081-806-56
                                                                                                                                                                                                                                                                                                        FILING DATE: 22-Feb-2002
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/756,386
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 24-JAN-1996
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 40,027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: FORS-02564
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                              COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  274 TTCGCGACCCAACACTACTC 255
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 337 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 56 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic
                                                                                                                                  COMPUTER READABLE FORM:
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Best Local Similarity 100.
Matches 20; Conservative
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US-10-142-283-136/c
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100.0%; Score 20; DB 13; Length 337;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
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Publication No. US20020197623A1
GENERAL INFORMATION:
APPLICANT: Prudent, James R.
Hall, Jeff G.
Lyamichev, Victor I.
TITLE OF INVENTION: Invasive Cleavge Of Nucleic Acids
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                      COMPUTER READABLE FORM:
COMPUTER: F10ppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
Sequential Invasive Cleavages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: No. US20020187486A1 Relevant TOPOLOGY: No. US20020187486A1 Relevant
                                                                 STREET: 220 Montgomery Street, Suite 2200 STATE: 200 Francisco
                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/033,297
FILING DATE: 12-No. US20020187486A1-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 09-101-1999
APPLICATION NUMBER: US/08/823,516
FILING DATE: 24-MAR-1997
APPLICATION NUMBER: PCT/US97/01072
FILING DATE: 21-JAN-1997
APPLICATION NUMBER: US 08/759,038
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/758,314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02736
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-UU-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 24-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/350,597
                                                                                                                                                     STATE: California
COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756,386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Medlen & Carroll, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: RNA (genomic)
;
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-033-297-45
                NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   274 TTCGCGACCCAACACTACTC 255
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 337 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
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Gaps

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RESULT 157
US-10-897-793-45/c
US-10-897-793-45/c
Sequence 45, Application US/10897793
Sequence 45, Application No. US20050003432A1
Sequence 45, Application No. US20050003432A1
GENERAL INFORMATION:
Math. Andrea L.
Brow, Mary Ann D.
Sequential Invasive Cleavages
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                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 20; DB 18; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 20; DB 20;
Pred. No. 0.016;
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Sequence 45, Application US/10309584
Sequence 45, Application US/10309584
Publication No. US20040214174A1
GENERAL INFORMATION:
APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Application On Dendrimers
TITLE OF INVENTION: Reactions on Dendrimers
FILE REFERENCE: FORS-06478
CURRENT FILING DATE: 2002-12-04
PRIOR APPLICATION NUMBER: US/10/309,584
CURRENT FILING DATE: 2001-08-27
PRIOR FILING DATE: 2001-08-27
NUMBER OF SEQ ID NOS: 422
SOFTWARE: Patentin Version 3.1
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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ADDRESSEE: Medlen & Carroll, LLP
                CURRENT APPLICATION NUMBER: US/10/356,861
CURRENT FILING DATE: 2003-02-03
NUMBER OF SEQ ID NOS: 254
SEQ TWARE: PatentIn version 3.2
SEQ ID NO 45
LENGTH: 337
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Best Local Similarity 100.0%; Pi
                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                      OTHER INFORMATION: Synthetic US-10-356-861-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic US-10-309-584-45
FILE REFERENCE: FORS-07813
                                                                                                                                                                                                                                   FEATURE:
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APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lukowiak, Andrew A.
TITIE OF INVENTION: Methods and Compositions for Detecting Target Sequences
FILE REFERENCE: PORS-07459
CURRENT PAPLICATION NUMBER: US/10/290,386
CURRENT PAPLICATION NUMBER: 60/361,060
PRIOR PAPLICATION NUMBER: 60/361,060
PRIOR FILING DATE: 2002-02-27
PRIOR PAPLICATION NUMBER: 09/713,601
PRIOR FILING DATE: 2000-11-07
PRIOR FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: 09/381,212
PRIOR FILING DATE: 1990-07-09
PRIOR FILING DATE: 1990-07-09
PRIOR FILING DATE: 1996-07-09
PRIOR FILING DATE: 1996-07-09
PRIOR FILING DATE: 1996-07-09
PRIOR FILING DATE: 1996-07-09
PRIOR FILING DATE: 1996-07-04
PRIOR FILING DATE: 1996-07-04
PRIOR FILING DATE: 1996-01-24
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APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff
APPLICANT: Lukowiak, Andrew A.
TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
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                                                 Score 20; DB 16; Length 337;
Pred. No. 0.016;
                                                                                                     0; Indels
                                                 Query Match
100.0%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                          274 TTCGCGACCCAACACTACTC 255
                                                                                                                                                                                                                                                                                                                                     Sequence 45, Application US/10290386 Publication No. US20030152971A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             274 Treeceaeceaecaeraere 255
                                                                                                                                                         1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , OTHER INFORMATION: Synthetic US-10-290-386-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-356-861-45/c
US-10-142-283-136
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LENGTH: 337
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Gaps
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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                                                               Length 337;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 337;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IS Floppy disk
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRIT APPLICATION DATA:
APPLICATION NUMBER: US/11/103,943
FILING DATE: 12-Apr-2005
CLASSIFICATION: CUNROWN>
PRIOR APPLICATION NUMBER: US/09/982,667
FILING DATE: 18-OCC-2001
APPLICATION NUMBER: US/09/56,386
FILING DATE: CUNROWN>
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/699,491
FILING DATE: 24-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                Hall, Jeff G.
Lyamichev, Victor I.
TITLE OF INVENTION: Invasive Cleavge Of Nucleic Acids
NUMBER OF SEQUENCES: 69
                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 20; DB 24; Length 3 100.0%; Pred. No. 0.016; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
                                                                    Score 20; DB 21;
Pred. No. 0.016;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02564
                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: not relevant

MOLECULE TYPE: RNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-11-103-943-56
                                                                                                                                                                                                                                                                RESULT 159
US-11-103-943-56/c
Sequence 56, Application US/11103943
Publication No. US20050181435A1
Publication No. HSORMATION:
HAPPLICANT: Prudent, James R.
HAPPLICANT: HAII, Jeff G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (415) 705-8410
                                                                                                                                                                                                          274 rrccccacccaccracrc 255
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INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                              1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ingolia, Diane E.
                                                                    100.0%; Sc
100.0%; Pr
tive 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                    Query Match 100.
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
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US-10-783-557-45
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                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATE: US/10/897,793
FILING DATE: 23-Jul-2004
CLASSIFICATION: <underween
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 45, Application US/10783557
; Boulication No. US20050048527A1
; GENERAL INFORMATION:
   APPLICANT: Allawi, Hatim T.
; APPLICANT: Allawi, Hatim T.
; APPLICANT: Neri, Bruce P.
; TILE OF INVENTION: Endonuclease-Substrate Complexes
; TILE OF INVENTION: Endonuclease-Substrate Complexes
; CURRENT APPLICATION NUMBER: 2004-02-20
; NUMBER OF SEQ ID NOS: 533
; SEQ ID NO 45
; LENGTH: 337
                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/01072
FILING DATE: 21-JAN-1997
APPLICATION NUMBER: US 08/759,038
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/758,314
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756,386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03295
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 24-JAN-1996
APPLICATION NUMBER: US 08/823,516
FILING DATE: 24-AMR-1997
COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: not relevant

MOLECULE TYPE: RNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-897-793-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               274 TTCGCGACCCAACACTACTC 255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (415) 705-84
TELEFAX: (415) 397-8338
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 337 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 45:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
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APPLICANT: Yu, De-Chao,
APPLICANT: Yu, De-Chao,
APPLICANT: Yu, Yuanhao
APPLICANT: Li, Yuanhao
TITLE OF INVENTION: CELL-SPECIFIC ADENOVIRUS VECTORS
TITLE OF INVENTION: COMPRISING AN INTERNAL RIBOSOME ENTRY SITE
TITLE OF INVENTION WHERE: US/09/814,351
CURRENT APPLICATION NUMBER: US/09/814,351
PRIOR PILING DATE: 2001-03-21
PRIOR PILING DATE: 2003-24
NUMBER OF SEQ ID NOS: 35
SEQ ID NOS: 35
LENGTHA: 341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ch 100.0%; Score 20; DB 10; Length 341; Similarity 100.0%; Pred. No. 0.016; 20; Conservative 0; Mismatches 0; Indels (
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Sequence 3, Application US/09814351 Publication No. US20030148520A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100...
Local Similarity 100...
20; Conservative
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Best Local Similarity
Matches 20; Conserv
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                                                                                                                              GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Yu, De-Chao

APPLICANT: Zhang, Hong

APPLICANT: Abang, Hong

APPLICANT: Abang, Hong

APPLICANT: Honderson, Daniel R.

ITLE OF INVENTION: HUMAN UNCOTHELIAL CELL SPECIFIC UROPLAKIN

TITLE OF INVENTION: HOPDLAKIN.SPECIFIC TRANSCRIPTIONAL REGULATORY SEQUENCES, VECTORS COMPRISING

TITLE OF INVENTION: METHODS OF USE THEREOF

TITLE OF INVENTION: METHODS OF USE THEREOF

FILE REFERENCE: 348022001500

CURRENT APPLICATION NUMBER: US/09/814,292

CURRENT APPLICATION NUMBER: 60/191,861

PRIOR FILING DATE: 2000-03-24

NUMBER OF SEQ ID NOS: 46

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 341
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Publication No. US20030068307A1

GENERAL INFORMATION:

APPLICANT: Chen, Yu

APPLICANT: Chen, Yu

TITLE OF INVENTION: METHODS OF TREATING NEOPLASIA

TITLE OF TREATING NEOPLASIA

TITLE OF TREATING NEOPLASIA

TITLE OF TREATING 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: 5' UTR region of HCV US-09-814-292-44
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                                                     US-09-814-292-44/C
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LENGTH: 341
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Gaps

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APPLICANT: Lemon, Stanley M.
APPLICANT: Lemon, Stanley M.
APPLICANT: Lemon, Stanley M.
TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
FILER REFERENCE: 265.0007 0120
CURRENT APPLICATION NUMBER: US/10/259,275
CURRENT FILING DATE: 1099-12-23
PRIOR PAPLICATION NUMBER: US 60/171,909
PRIOR PAPLICATION NUMBER: US 60/717,419
PRIOR PLING DATE: 2000-12-23
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin version 3.0
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Pred. No. 0.016;
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Sequence 35, Application US/10259275; Publication No. US20030125541A1; GENERAL INFORMATION:
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US-10-691-045-3/c
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RESULT 162 US-09-814-351-3/c

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APPLICANT: Schward, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Schwert, Scott
APPLICANT: Haeberli, Pete
APPLICANT: Waish, Narenda
TITLE OF INVENTION: A Process for the Detection of Nucleic Acid Using Nucleic Acid C.
FILE REFERENCE: MHHB00-816-C (700/002)
FILE REFERENCE: MHHB00-816-C (700/002)
FILE REPERENCE: MHHB00-816-C (700/002)
FRIOR APPLICATION NUMBER: 60/187,128
PRIOR FILING DATE: 2000-03-06
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn version 3.0
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                                      Sequence 1, Application US/1013295;
Publication No. US20030124550A1;
GENERAL INPOMENTION:
TITLE OF INVENTION:
TITLE OF INVENTION: METHOD OF SCREENING DRUG FOR HEPATITIS C
FILE REFERENCE: O69614
CURRENT PILING DATE: 2002-04-26
PRIOR APPLICATION NUMBER: US/10/132,295
CURRENT FILING DATE: 2002-04-26
PRIOR APPLICATION NUMBER: JP 2001-329728
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 347;
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100.0%; Pred. No. 0.016;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Usman, Nassim
APPLICANT: McSwiggen, Jim
APPLICANT: Zinnen, Shawn
APPLICANT: Seiwert, Scott
APPLICANT: Haeberli, Pete
APPLICANT: Chowrira, Bharat
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APPLICANT: Usman, Nassim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 48, Application US/09877526A
Patent No. US20020102568A1
GENERAL INFORMATION:
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; Sequence 48, Application US/09992160
; Publication No. US20030008295Al
; GENERAL INFORMATION:
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ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.C
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Best Local Similarity 100.0
Matches 20; Conservative
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                      US-10-132-295-1/c
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LENGTH: 366
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APPLICANT: Lemon, Stanley M.

APPLICANT: Lemon, Stanley M.

APPLICANT: Yi, MinKyung

TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE

FILE REFERENCE: 265.0007 0121

CURRENT APPLICATION NUMBER: US/11/006,313

CURRENT FILING DATE: 2004-12-05

PRIOR APPLICATION NUMBER: US 60/171,909

PRIOR APPLICATION NUMBER: US 09/747,419

PRIOR APPLICATION NUMBER: US 09/747,419

PRIOR APPLICATION NUMBER: US 60/325,236

PRIOR APPLICATION NUMBER: US 60/325,236

PRIOR APPLICATION NUMBER: US 60/338,123

PRIOR FILING DATE: 2001-09-27

PRIOR FILING DATE: 2001-09-27

PRIOR FILING DATE: 2001-11-13

NUMBER OF SEQ ID NOS: 73
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                                        APPLICANT: Yu, De-Chao
APPLICANT: Li, Yuanhao
APPLICANT: Li, Yuanhao
APPLICANT: Li, Yuanhao
APPLICANT: Henderson, Daniel R.
TITLE OF INVENTION: CELL-SPECIFIC ADENOVIRUS VECTORS
TITLE OF INVENTION: COMPRISING AN INTERNAL RIBOSOME ENTRY SITE
FILE REFERENCE: 348022001700
CURRENT APPLICATION NUMBER: US/10/691,045
PRIOR APPLICATION NUMBER: US/09/814,351
PRIOR PLLING DATE: 2001-10-21
PRIOR APPLICATION NUMBER: 60/192,156
PRIOR PLLING DATE: 2000-03-24
PRIOR PLLING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 35
SOFTWARE: FASTSEQ FOR WINDOWS Version 4.0
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Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) OTHER INFORMATION: 5' UTR region of HCV US-10-691-045-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      275 TTCGCGACCCAACACTACTC 256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 35, Application US/11006313
Publication No. US20050153281A1
GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 20; Conservative 0
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Publication No. US20040146489A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: ARTIFICIAL
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                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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GRNERAL INFORMATION:
APPLICANT: Stime Therapeutics, Inc.; APPLICANT: Science, Shawn; APPLICANT: Value, Shawn; APPLICANT: Value, Narendra; APPLICANT: Value, Vasant; APPLICANT: Nasendra; APPLICANT: Nossen, Karl; TILE OF INVENTION: Allosteric Nucleic Acid Sensor Molecules; FILE REFERENCE: 700/013 (MEHB 00-816-M); CURRENT FILING DATE: 2003-04-23; CURRENT FILING DATE: 2003-04-23
                                                                                                                                                                                                              100.0%; Score 20; DB 10; Length 366; 100.0%; Pred. No. 0.016; cive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Usmai, Nassim
APPLICANT: McSviggen, Jim
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Seiwert, Scott
APPLICANT: Haeberli, Pete
APPLICANT: Haeberli, Pete
APPLICANT: Chowira, Bharat
APPLICANT: Blatt, Lary
TILLE OF INVENTION: Nucleic Acid Sensor Molecules
FILE REFERENCE: MBHB00-816-E (700/005)
CURRENT FILING DATE: 2002-01-23
NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patentin version 3.0
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PRIOR FILING DATE: 2002-11-05
PRIOR APPLICATION NUMBER: US 10/286,492
PRIOR FILING DATE: 2002-11-01
PRIOR APPLICATION NUMBER: US 10/283,858
PRIOR FILING DATE: 2002-10-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ribozyme Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                     276 TTCGCGACCCAACACTACTC 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 48, Application US/10056761; Publication No. US20030065155A1; GENERAL INFORMATION:
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                       TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
                                                                                             NAME/KEY: misc_feature
LOCATION:
COTHER INFORMATION: HCV 5' UTR
US-09-817-879-9701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: RNA
; ORGANISM: Hepatitis C Virus
US-10-056-761-48
                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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LENGTH: 366
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Sequence 9701, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REPERBNCE: RP1 400/003
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEC ID NOS: 9704
SOFTWARE: PatentIn version 3.0
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Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801: US/09/817,879
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patentin version 3.0
SEQ ID NO 9701
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                                              APPLICANT: Seiwert, Scott
APPLICANT: Haeberli, Pete
APPLICANT: Haeberli, Pete
APPLICANT: Coverina Bharat
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Nucleic Acid Sensor Molecules
FILE REFERENCE: MHHHOO-816-0 700/004)
CURRENT APPLICATION NUMBER: US/09/992,160
CURRENT FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 58
SEQ ID NO 48
LENGTH: 366
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: HCV 5' UTR
                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
ORGANISM: Hepatitis C virus
                            Zinnen, Shawn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature LOCATION:
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US-09-740-332-9701/c
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LENGTH: 366
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                         APPLICANT:
APPLICANT:
APPLICANT:
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Sequence 9, Application US/10626879;
Publication No. US20050058982A1
GENERAL INFORMATION:
APPLICANT: HAN, JANG
APPLICANT: HAN, JANG
APPLICANT: HAN, JANG
APPLICANT: HOUGHTON, MICHAEL
TITLE OF INVENTION: MODIFIED SMALL INTERFERING RNA MOLECULES AND METHODS OF USE
FILE REFERENCE: 072121-0189-REG
CURRENT APPLICATION NUMBER: 105/40,230
PRIOR FILING DATE: 2003-07-25
PRIOR FILING DATE: 2003-04-11
SPRIOR FILING DATE: 2003-04-11
PRIOR FILING DATE: 2002-07-26
NUMBER OF SEQ ID NOS: 67
SOFFWARE: PATENTIN VUMBER: 60/3098,605
NUMBER OF SEQ ID NOS: 67
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Publication No. US2004008680A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Sampson, et al.

TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced;

TITLE OF INVENTION: Secondary Structure

FILE REFERENCE: 2003309-0028

CURRENT FILING DATE: 2002-12-18

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 32

LENGTH: 374
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; OTHER INFORMATION: Description of Artificial Sequence:Nucleotides
; OTHER INFORMATION: 1-335 for the Hepatitis C Virus Genome.
US-10-324-409B-32
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                                                                                                                                                                           Length 366;
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                                                                                                                                                                           Query Match 100.0%; Score 20; DB 19; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0;
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                              NAME/KEY: misc_feature
i_location:
corer information: HCV 5' UTR
US-10-669-841-16198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
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US-10-324-409B-32/c
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US-10-626-879-9/c
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APPLICANT: Danes, Macejak
APPLICANT: Danes, Macejak
APPLICANT: Danes, Macwigen
APPLICANT: Danes, Macwigen
APPLICANT: David, Morrissey
APPLICANT: Parale, Parco
APPLICANT: Parale, Parco
APPLICANT: Remeth, Draper
APPLICANT: Risabeth, Roberts
TITLE OF INVENTION: OLIGOWICLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: OLIGOWICLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: OLIGOWICLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/04202 (MRHB02-249-E)
CURRENT FILING DATE: 2003-09-23
CURRENT FILING DATE: 2003-09-26
PRIOR PELICATION NUMBER: US 60/296,876
PRIOR PELICATION NUMBER: US 60/296,876
PRIOR PELICATION NUMBER: US 60/335,059
PRIOR PELICATION NUMBER: US 60/335,059
PRIOR PELICATION NUMBER: US 60/335,124
PRIOR PELICATION NUMBER: US 60/331,24
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 99/817,879
PRIOR APPLICATION NUMBER: US 99/817,879
PRIOR PILING DATE: 2000-02-26
PRIOR PILING DATE: 2000-02-26
PRIOR PILING DATE: 2000-07-36
PRIOR PILING DATE: 2000-07-07
PRIOR PILING DATE: 2000-07-07-14
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Remaining Prior Application data removed - See File Wrapper or PALM.
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                  PRIOR FILING DATE: 2002-01-23
PRIOR PILING DATE: 2002-01-23
PRIOR PILING DATE: 2002-11-05
PRIOR FILING DATE: 2000-11-05
PRIOR FILING DATE: 2001-06-08
PRIOR PELING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/800,594
PRIOR PILING DATE: 2001-03-06
PRIOR FILING DATE: 2001-03-06
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin version 3.2
SEQ ID NO 48
LENGTH: 366
PRIOR APPLICATION NUMBER: US 10/056,761
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Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       275 TTCGCGACCCAACACTACTC 256
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
; ORGANISM: Hepatitis C Virus
US-10-422-050-48
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                                                                                                                                                                                                                                                   Length 386;
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CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                 100.0%; Score 20; DB 10;
100.0%; Pred. No. 0.016;
tive 0; Mismatches 0;
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100.0%; Pred. No. 0.016;
iive 0; Mismatches 0;
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COMPUTER: IBM PC COMPALIALE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Vers
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/941,193A
FILING DATE: 28-ANG-2001
CLASSIFICATION: «Unknown>
ATTORNEY/AGENT IPPERATION:
NAME: CARROLL, PETER G
REGISTRATION NUMBER: 32,837
                                 INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 122:
US-09-940-925A-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 122:
US-09-941-193A-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 122, Application US/09941193A
Publication No. US20030108873A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                        323 TTCGCGACCCAACACTACTC 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               323 TTCGCGACCCAACACTACTC 304
                                                                                                                                                                                                                                                                                                                                           1 TTCGCGACCCAACACTACTC 20
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                 (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LYAMICHEV, VICTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
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Best Local Similarity 100.0
Matches 20; Conservative
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Matches 20; Conserv
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Publication No. US20030054338A1
GENERAL INFORMATION:
APPLICANT: BROW, MARY ANN D.
LYAMICHEW, VICTOR I.
OLLYUE, DAVID M.
TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
                                                                                                                                                                                                                      Sequence 1, Application US/10332626;
Publication No. US2004007330A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Structural Targets of Hepatitis C Virus
TITLE OF INVENTION: IRES Element
TITLE OF INVENTION: IRES Element
TITLE OF INVENTION: IRES Element
CURRENT APPLICATION NUMBER: US/10/332,626
CURRENT FILING DATE: 2003-09-08
PRIOR APPLICATION NUMBER: PCT/US01/21871
PRIOR APPLICATION NUMBER: PCT/US01/21871
PRIOR PILING DATE: 2000-07-10
PRIOR PILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 20; DB 18; Length 384; Pred. No. 0.016;
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                                          Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SAFEM: PC-DOS/WS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/940,925A
FILING DATE: 10-Jun-2002
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSE: MEDLEN & CARROLL
STREET: 220 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
                      Pred. No. 0.016;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: UNITED STATES OF AMERICA ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   276 Tregesacceaacacracre 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PATHOGENS
                                                                                                                           275 Troccoacceacactacre 256
10.001
10.001
                                                                                    1 TTCGCGACCCAACACTACTC 20
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Best Local Similarity 100.0%;
Matches 20; Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
ORGANISM: Hepatitis C virus
                                              20; Conservative
                      Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-940-925A-122/c
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                                              Matches
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APPLICANT: KOHARA, MICHINORI
APPLICANT: WATSUZAKI, JUNICHI
APPLICANT: OXAMOTO, KOUICHI
APPLICANT: OXAMOTO, KOUICHI
APPLICANT: OXAMOTO, KOUICHI
APPLICANT: KATSUME, ASAO
TITLE OF INVENTION: VECTOR FOR ANALYSING REPLICATION MECHANISM OF RNA VIRUS AND USE
FILE REFERENCE: 382.1038
CURRENT APPLICATION UNMBER: US/10/276,513
PRIOR APPLICATION NUMBER: PCT/JP01/04033
PRIOR FILING DATE: 2001-05-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: MAERTENS, GEERT
STUYVER, LIEVEN
TITLE OF INVENTION: NEW SEQUENCES OF HEPATITIS C VIRUS GENOTYPES
AND THEIR USE AS PROPHYLACTIC, THERAPEUTIC AND DIAGNOSTIC
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                                                                                                                   Length 393;
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
                                                                                                                                                             Indels
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                                                                                        Score 20; DB 15; Le
Pred. No. 0.016;
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100.0%; Score 20; DB 15;
Best Local Similarity 100.0%; Pred. No. 0.016;
Matches 20; Conservative 0; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: JP 2000-142451
PRIOR FILING DATE: 2000-05-15
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
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US-09-851-138-59/c
; Sequence 59, Application US/09851138
; Publication No. US20020183508A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                        287 Trceceacceacacracre 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       306 TTCGCGACCCAACACTACTC 287
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ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/10276513
Publication No. US20030143528A1
GENERAL INFORMATION:
                                                                                                                                                                                                              1 TTCGCGACCCAACACTACTC 20
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                                                                                                              Query Match 100.0%; S Best Local Similarity 100.0%; P Matches 20; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 207
CORRESPONDENCE ADDRESS:
ADDRESSE: ARNOLD, WHI
STREET: P.O. BOX 4433
CITY: HOUSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AGENTS
                      ; TYPE: DNA
; ORGANISM: Hepatitis C Virus
US-10-276-513-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Hepatitis C Virus US-10-276-513-4
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LENGTH: 393
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Publication No. US200301435281

GENERAL INFORMATION

GENERAL INFORMATION

APPLICANT: OKAMONO, KOUICHI

APPLICANT: OKAMONO, KOUICHI

APPLICANT: OKAMONO, KOUICHI

APPLICANT: OKAMONO, KOUICHI

APPLICANT: ARSUBERNE: 382.1038

FILE REFERENCE: 382.1038

CURRENT APPLICATION NUMBER: US/10/276,513

CURRENT APPLICATION NUMBER: PCT/JP01/04033

PRIOR APPLICATION NUMBER: PCT/JP01/04033

PRIOR PILING DATE: 2001-05-15

PRIOR PILING DATE: 2000-05-15

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PATCHIN UNIVER: 2200-05-15

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 5
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                                                                                                         APPLICANT: BROW, MARY ANN D.
LYAMICHEV, VICTOR I.
OLIVE, DAVID M.
TITLE OF INVENTION: RAFID DETECTION AND IDENTIFICATION OF
PATHOGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 20; DB 22; Length 386; Best Local Similarity 100.0%; Pred. No. 0.016; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409,594
FILING DATE: 08-Apr-2003
CLASSIFICATION: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: CARROLL, PETER G.
RECISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: 72,837
REFERENCE/DOCKET NUMBER: FORS-01756
TELEDPHONE: (415) 705-8410
                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL
STREET: 2200 MONTGOMERY STREET, SUITE 2200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear
; MOLECULE TYPE: DMA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 122:
US-10-409-594-122
                                         Sequence 122, Application US/10409594 Publication No. US20050158716A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            323 rrceceacceaecraere 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTCGCGACCCAACACTACTC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 386 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                      10-409-594-122/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-276-513-5/c
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Sequence 37, Application US/10454293
; Bublication No. US20040049021A1
; GENERAL INFORMATION:
    APPLICANT: Anderson, Kevin P.
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Manecak, Ronnie C.
; APPLICANT: Dorr, F. Andrew
; APPLICANT: Dorr, F. Andrew
; APPLICANT: Dorr, F. Andrew
; APPLICANT: No. US20040049021A1aki, Chikateru
APPLICANT: No. US20040049021A1aki, Chikateru
; APPLICANT: No. US20040049021A1aki, Chikateru
; APPLICANT: No. US20040149021A1aki, Chikateru
; APPLICANT: No. US20051410N and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: UNMER: US/10/454, 293
; CURRENT APPLICATION NUMBER: 08/983, 409
; PRIOR APPLICATION NUMBER: 08/983, 321
; PRIOR APPLICATION NUMBER: 08/983, 321
; PRIOR FILING DATE: 1997-12.10
; PRIOR FILING DATE: 1997-12.04
; PRIOR FILING DATE: 1995-05-30
                                                                                                                                                                                                                                                                            GENERAL INFORMATION:

APPLICANT: Hanecak Ronnie C.
APPLICANT: Hanecak Ronnie C.
APPLICANT: Hanecak Ronnie C.
APPLICANT: Hanecak Ronnie C.
APPLICANT: Orr. F. Andrew
APPLICANT: No. US20040033978Alaki, Chikateru
APPLICANT: No. US2004003978Alaki, Chikateru
APPLICANT: No. US2004003978Alaki, Chikateru
APPLICANT: Kwoh, T. Jesse
TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
TITLE OF INVENTION: UNINBER: US/10/457,304
FILE REFERENCE: ISPH-056
FILE REFERENCE: ISPH-056
FILE REFERENCE: ISPH-056
FILE REFERENCE: 1090-05-09
FRIOR APPLICATION NUMBER: US/09/88,321
FRIOR APPLICATION NUMBER: 08/650,093
FRIOR PELLING DATE: 1997-05-10
FRIOR APPLICATION NUMBER: 08/452,841
FRIOR APPLICATION NUMBER: 08/452,841
FRIOR APPLICATION NUMBER: 08/300,936
FRIOR PELLING DATE: 1995-03-09
FRIOR FILING DATE: 1995-03-09
FRIOR FILING DATE: 1992-09-10-18
FRIOR FILING DATE: 1992-09-10-18
FRIOR FILING DATE: 1992-09-10-18
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100.0%; Pred. No. 0.015;
tive 0; Mismatches 0;
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                                       274 Trededacedacacatacre 255
                                                                                                                                                                                              Sequence 37, Application US/10457304; Publication No. US20040033978A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TTCGCGACCCAACACTACTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , ORGANISM: Hepatitis C virus US-10-457-304-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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LENGTH: 685
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                                                                                                                                   RESULT 184
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Publication No. US20030171313A1

GENERAL INPORMATION:

APPLICANT: Anderson, Kevin P.

APPLICANT: Hanecak, Ronnie C.

APPLICANT: Honecak, Ronnie C.

APPLICANT: Bor US20030171313A1aki, Chikateru

APPLICANT: Woob, T. Jesse

ITILE DE INVENTION: Compositions and Methods for Treatment of Hepatitis C

TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C

TITLE OF INVENTION: UNMBER: US/09/853,409

CURRENT APPLICATION NUMBER: US/09/853,409

CURRENT APPLICATION NUMBER: US/09/853,409

CURRENT APPLICATION NUMBER: US/50,093

PRIOR FILING DATE: 1997-12-10

PRIOR APPLICATION NUMBER: US/50,093

PRIOR APPLICATION NUMBER: US/452,841

PRIOR APPLICATION NUMBER: US/397,330

PRIOR FILING DATE: 1995-05-30

PRIOR FILING DATE: 1995-09-10

PRIOR APPLICATION NUMBER: US/945,289

PRIOR FILING DATE: 1995-09-10

PRIOR APPLICATION NUMBER: US/945,289

PRIOR FILING DATE: 1995-09-10

PRIOR APPLICATION NUMBER: US/9690,936

PRIOR FILING DATE: 1990-09-10

PRIOR APPLICATION NUMBER: US/960,936

PRIOR FILING DATE: 1990-09-10

PRIOR APPLICATION NUMBER: US/960,936

PRIOR FILING DATE: 1990-09-10

PRIOR APPLICATION NUMBER: US/960,936

PRIOR FILING DATE: 2000-10-18

NUMBER OF SEQ ID NOS: 37

LENGTH SEG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 20; DB 9; Length 652; Best Local Similarity 100.0%; Pred. No. 0.015; Matches 20; Conservative 0; Mismatches 0; Indels
FILING DATE: 09-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/836,075
FILING DATE: -CUMCHOWN-
APPLICATION NUMBER: EP 94870166.9
FILING DATE: 21 Oct 1994
APPLICATION NUMBER: EP 95870076.7
FILING DATE: 28 Jun 1995
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: 10NS:004
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 652 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPPL: ALL AND STRANDEDNESS: SINGLE
TOPPL: ALL AND STRANDEDNESS: SINGLE
TOPPL: ALL AND STRANDEDNESS: SINGLE
TOPPLICATION NOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 59:
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CRGANISM: Hepatitis C virus
US-09-853-409-37
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Length 685; Indels

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RESULT 188
US-10-066-130-19
is Sequence 19, Application US/10066130
is Sequence 19, Application US/10066130
is Publication No. US20030175683A1
is GENERAL INFORMATION:
is TITLE OF INVENTION: In Vitros System for Replication of RNA-Dependent RNA POlymerase
is TITLE OF INVENTION: US/10/066,130
is CURRENT APPLICATION NUMBER: US/10/066,130
is CURRENT FILING DATE: 2002-01-31
is PRIOR APPLICATION NUMBER: US 60/265,437
is PRIOR FILING DATE: 2001-01-31
is NUMBER OF SEQ ID NOS: 20
is SOFTWARE: Patentin version 3.1
is SEQ ID NO 19
is LENGTH: 2674
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US-LOUR 194-801-19

Sequence 19, Application US/10734801

Sequence 19, Application US/10734801

Sequence 19, Application OS US2040126388A1

Sequence 19, Application OS US204012638BA1

GENERAL INFORMATION: To VILLO System for Replication of RNA-Dependent RNA Polymerase

TITLE OF INVENTION: VILLO System for Replication of RNA-Dependent RNA Polymerase

FILE REFERENCE: PH-7171-DIV

CURRENT APPLICATION NUMBER: US/10/734,801

CURRENT FILING DATE: 2001-12-12

PRIOR FILING DATE: 2001-01-31

NUMBER: PAGE OF USC: 20

SOFTWARE: Patentin version 3.1

SEQ ID NO 19
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                                            100.0%; Score 20; DB 19; Length 2327; 100.0%; Pred. No. 0.014; o; Mismatches 0; Indels 0
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100.0%; Score 20; DB 19; Length 2
Best-Local Similarity 100.0%; Pred. No. 0.014;
Matches 20; Conservative 0; Mismatches 0; Indels
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Pred. No. 0.014;
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100.0%; Pre
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US-10-066-130-18
; Sequence 18, Application US/10066130
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                                                Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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Best Local Similarity 100.
Matches 20; Conservative
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ORGANISM: viral
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Sequence 20, Application US/10066130

Sequence 20, Application US/10066130

Publication No. US20030175683A1

GENERAL INFORMATION:

APPLICAMT:

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ATILE OF INVENTION:

TITLE OF INVENTION:

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Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 20; Conservative 0; Mismatches 0; Indels 0:
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PRIOR APPLICATION NUMBER: 08/397,330
PRIOR PILING DATE: 1995-03-09
PRIOR APPLICATION NUMBER: 07/945,289
PRIOR FILING DATE: 1992-09-10
PRIOR FILING DATE: 1992-09-10
PRIOR FILING DATE: 2000-10-18
NUMBER OF SEQ ID NOS: 40
SOOTWARE: PATENTIN Ver: 2.1
SEQ ID NO 37
LENGTH: 685
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Sequence 20, Application US/10734801
Publication No. US20040126388A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: RNA
; ORGANISM: Hepatitis C virus
US-10-454-293-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: viral US-10-066-130-20
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US-10-734-801-20
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Sequence 16, Application US/10434842

Sequence 16, Application WO 1020040005549A1

Sequence 16, Application No. US20040005549A1

GENERAL INFORMATION:

JULING THE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REPRINGENCE: 0342/H1395183

CURRENT APPLICATION NUMBER: US/10/434,842

CURRENT APPLICATION NUMBER: US 10/233,307

PRIOR APPLICATION NUMBER: US 10/233,307

PRIOR APPLICATION NUMBER: US 60/2469

PRIOR FILING DATE: 2000-11-07

PRIOR FILING DATE: 2000-11-07

NUMBER OF SEQ ID NOS: 17

SOFTWARE PAREENTING NOS: 17

LENGTH: 7989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase;
TITLE OF INVENTION: Vitraes
TITLE OF INVENTION: Vitraes
TITLE REFERENCE: PH-7171-DIV
CURRENT APPLICATION NUMBER: US/10/734,801
CURRENT FILING DATE: 2003-12-12
PRIOR FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
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                                                                                                                                                       Score 20; DB 16;
Pred. No. 0.013;
                                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                                                                     2400 TTCGCGACCCAACACTACTC 2419
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 17, Application US/10734801
; Publication No. US20040126388A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 TTCGCGACCCAACACTACTC 20
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                                                                                                                                                                                                                                                                                        1 TTCGCGACCCAACACTACTC
                                                                                                                                                          100.0%;
100.0%;
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                                                                                                                                                                                        Local Similarity 100.
nes 20; Conservative
; LENGTH: 5860
; TYPE: DNA
; ORGANISM: viral
US-10-066-130-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: viral
US-10-734-801-17
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US-10-434-842-16/c
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                                                                                                                                                          Query Match
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Sublication No. US20040126388A1
GENERAL INFORMATION:
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TITLE OF INVENTION: In Vitro System for Replication of RNA-Dependent RNA Polymerase
TITLE OF INVENTION: Viruses
FILE REPERBYCE: PH-7171 NP
CURRENT APPLICATION NUMBER: US/10/066,130
CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: US 60/265,437
PRIOR PILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
Publication No. US20030175683A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TYPLE OF UNIVENTION: Using System for Replication of RNA-Dependent RNA Polymerase TITLE OF INVENTION: Using System for Replication of RNA-Dependent RNA Polymerase TITLE OF INVENTION: Using System for Replication of RNA-Dependent RNA Polymerase TITLE OF UNERRY APPLICATION NUMBER: US/10/066,130
CURRENT APPLICATION NUMBER: US 60/265,437
PRIOR FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin version 3.1
SEQ ID NO 18
LENGTH: 2771
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Best Local Similarity 100.0
Matches 20, Conservative
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Matches 20; Conserv
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TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY RE FILE REFERENCE: 0342/1H395US1
CURRENT APPLICATION NUMBER: 108/10/05,469
CURRENT APPLICATION NUMBER: 2002-04-18
PRIOR APPLICATION NUMBER: US 60/245,866
PRIOR FILING DATE: 2000-11-07
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
LENGTH: 7992
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Publication No. US20020155133A1

GENERAL INFORMATION:
APPLICANT: ANADYS Pharmaceuticals, Inc.
APPLICANT: Bichko, Vadim
TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY RE-
FILE REPERENCE: 0342/14395US1
CURRENT APPLICATION NUMBER: US/10/005,469
CURRENT FILING DATE: 2002-04-18
PRIOR FILING DATE: 2000-11-07
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
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TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY RE.
FILE REFERENCE: 0342/1H395US1
CURRENT APPLICATION NUMBER: US/10/005,469
CURRENT FILING DATE: 2002-04-18
PRIOR APPLICATION NUMBER: US 60/245,866
PRIOR FILING DATE: 2000-11-07
NUMBER OF SEQ ID NOS: 14
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                                                                                                                                                                                                                                                                                                                                                                                             Query Match
100.0%; Score 20; DB 13;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: HCV replicon 1377/NS3-3'UTR
US-10-005-469-1
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Publication No. US20020155133A1
GENERAL INFORMATION:
APPLICANT: ANADYS Pharmaceuticals, Inc.
APPLICANT: Bichko, Vadim
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                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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US-10-005-469-2/c
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LENGTH: 7992
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APPLICANT: Jayasena, Christopher Donald
TITLE OF INVENTION: SHORT INTERFERING RNA AS AN ANTIVIRAL AGENT FOR HEPATITIS C
TITLE OF INVENTION: SHORT INTERFERING RNA AS AN ANTIVIRAL AGENT FOR HEPATITIS C
CURRENT APPLICATION NUMBER: US/10/897,648
PRIOR APPLICATION NUMBER: 60/490,204
PRIOR PILING DATE: 2003-07-25
NUMBER OF SEQ ID NOS: 32
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Pred. No. 0.013;
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                                                                                                                                                                Sequence 1, Application US/10639150
Publication No. US20040121975A1
GENERAL INFORMATION:
APPLICANT: BRISTOL-WTERS SQUIBE COMPANY
ITLE OF INVENTION: HEPATITIS C VIRUS ASSAYS
FILE REFERENCE: D0224 NP
CURRENT APPLICATION NUMBER: US/10/639,150
CURRENT FILING DATE: 2003-08-12
PRIOR PLILING DATE: 2002-08-12
PRIOR PILLING DATE: 2002-08-12
PRIOR FILING DATE: 2002-08-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.2
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Publication No. US20020155133A1
GENERAL INFORMATION:
APPLICANT: ANADYS Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 17, Application US/10897648 Publication No. US20050043266A1 GENERAL INFORMATION:
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       1 TTCGCGACCCAACACTACTC 20
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US-10-639-150-1
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Best Local Similarity 100.0%;
Matches 20; Conservative 0;
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SEQ ID NO 17
LENGTH: 7989
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US-10-005-469-1/c
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RESULT 200

US-10-005-469-5/c

US-10-005-469-5/c

Sequence 5, Application US/10005469

Publication No. US2020155133A1

GENERAL INFORMATION:

APPLICANT: BICHKO, Vadim

TITLE OF INVENTION: HEPATITIS C VIRUS CONSTRUCTS CHARACTERIZED BY HIGH EFFICIENCY REF

CURRENT APPLICATION NUMBER: US/10/005,469

CURRENT FILING DATE: 2002-04-18

PRIOR FILING DATE: 2000-11-07

NUMBER OF SEQ ID NOS: 14

SEQ ID NO SEQ ID NOS: 14

LENGTHE: 7992
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                                                                                                                                                                         Query Match
100.0%; Score 20; DB 13; Length 7992;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 20; Conservative 0; Mismatches 0; Indels 0;
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; SEQ ID NO 4
; LENGTH: 7992
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; CTHER INFORMATION: HCV Replicon RNA from cell line HCVR9
US-10-005-469-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: HCV Replicon from cell line HCVR22 US-10-005-469-5
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Sequence Sequence Sequence Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Seguence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Semience	Sequence	Sequence	Sequence	Sequence 13	Seguence 22	Sequence 11	Sequence 35	Sequence 1,	Seguence 3,	Sequence 14
4 US-09-493-7958-74 Sequence 4 US-09-493-7958-102 Sequence 3 US-09-488-799-92 Sequence 3 US-09-488-799-96 Sequence	3 US-09-488-799-98 Sequence 4 US-09-493-795B-130 Sequence 1 HC-0-10-1-10-10-10-10-10-10-10-10-10-10-10	4 US-09-493-795B-136 Sequence 4 US-09-493-795B-152 Sequence	4 US-09-493-795B-289 Sequence 3 US-09-488-799-40 Sequence	4 US-09-248-796A-6827 Sequence	4 US-09-493-795B-64 Sequence 4 US-09-493-795B-68 Sequence	4 US-09-493-795B-70 Sequence	4 US-09-493-795B-72 Sequence	4 US-09-493-795B-291 Sequence	3 US-09-488-799-86 Sequence	3 US-09-488-799-88 Sequence	3 US-09-488-799-94 Sequence	4 US-U9-493-795B-90 Sequence	4 US-U9-493-795B-92 Sequence 4 US-09-493-795R-58 Semience	4 US-09-493-795B-76 Sequence	4 US-09-493-795B-104 Sequence	4 US-09-493-795B-112 Sequence	4 US-09-513-999C-32006 Sequence	4 US-UY-SIJ-YYYC-34YY/ Sequence 3 IIS-08-866-340-20 Sequence	3 US-09-103-875-26 Sequence	4 US-09-016-434-361 Sequence	4 US-09-513-999C-3436 Sequence	3 US-09-461-697-61 Sequence	3 US-09-240-274-118 Sequence	4 US-09-313-294A-6075 Sequence	4 US-09-252-991A-16252 Sequence	3 US-09-240-274-117 Sequence	3 US-09-240-274-119 Sequence	4 US-09-513-999C-14106 Sequence	4 US-09-451-651-27 Segmence	4 US-09-621-976-7963 Sequence	4 US-09-513-999C-3421 Sequence	4 US-09-513-999C-35102 Sequence	4 US-09-573-080A-316 Sequence	3 US-09-461-697-57 Sequence	4 US-09-252-991A-8832 Sequence	3 US-08-905-223-180 Sequence	4 US-09-513-999C-35117 Sequence	3 US-09-370-838-88 Sequence	4 US-09-640-173-36 Sequence	4 US-09-713-550-36 Sequence	4 US-09-825-294-36 Sequence 4 IIS-09-970-966-36 Semience	1 US-08-118-101A-5 Segrence	3 US-09-461-697-53 Sequence	4 US-09-621-976-18088 Sequence	4 US-09-513-999C-10717 Sequence	4 US-U9-6ZI-9/6-I36 Sequence I3	3 US-09-397-787-228 Sequence 22	4 US-09-327-138C-11 Sequence 11	4 US-09-327-138C-39 Sequence 39	3 US-09-679-185-1 Sequence 1,	3 US-09-679-185-3 Sequence 3,	4 US-09-621-976-1458 Sequence 14
US-09-493-7936-74 sequence US-09-493-795B-84 sequence US-09-493-795B-102 Sequence US-09-488-799-95 Sequence	3 US-09-488-799-98 Sequence 4 US-09-493-795B-130 Sequence 1 HC-0-10-1-10-10-10-10-10-10-10-10-10-10-10	4 US-09-493-795B-136 Sequence 4 US-09-493-795B-152 Sequence	4 US-09-493-795B-289 Sequence 3 US-09-488-799-40 Sequence	4 US-09-248-796A-6827 Sequence	4 US-09-493-795B-64 Sequence 4 US-09-493-795B-68 Sequence	4 US-09-493-795B-70 Sequence	4 US-09-493-795B-72 Sequence	4 US-09-493-795B-291 Sequence	3 US-09-488-799-86 Sequence	3 US-09-488-799-88 Sequence	3 US-09-488-799-94 Sequence	4 US-U9-493-795B-90 Sequence	4 US-U9-493-795B-92 Sequence 4 US-09-493-795R-58 Semience	4 US-09-493-795B-76 Sequence	4 US-09-493-795B-104 Sequence	4 US-09-493-795B-112 Sequence	4 US-09-513-999C-32006 Sequence	4 US-UY-SIJ-YYYC-34YY/ Sequence 3 IIS-08-866-340-20 Sequence	3 US-09-103-875-26 Sequence	4 US-09-016-434-361 Sequence	4 US-09-513-999C-3436 Sequence	3 US-09-461-697-61 Sequence	3 US-09-240-274-118 Sequence	4 US-09-313-294A-6075 Sequence	4 US-09-252-991A-16252 Sequence	3 US-09-240-274-117 Sequence	3 US-09-240-274-119 Sequence	4 US-09-513-999C-14106 Sequence	4 US-09-451-651-27 Segmence	4 US-09-621-976-7963 Sequence	4 US-09-513-999C-3421 Sequence	4 US-09-513-999C-35102 Sequence	4 US-09-573-080A-316 Sequence	3 US-09-461-697-57 Sequence	4 US-09-252-991A-8832 Sequence	3 US-08-905-223-180 Sequence	4 US-09-513-999C-35117 Sequence	3 US-09-370-838-88 Sequence	4 US-09-640-173-36 Sequence	4 US-09-713-550-36 Sequence	4 US-09-825-294-36 Sequence 4 IIS-09-970-966-36 Semience	1 US-08-118-101A-5 Segrence	3 US-09-461-697-53 Sequence	4 US-09-621-976-18088 Sequence	4 US-09-513-999C-10717 Sequence	4 US-U9-6ZI-9/6-I36 Sequence I3	3 US-09-397-787-228 Sequence 22	4 US-09-327-138C-11 Sequence 11	4 US-09-327-138C-39 Sequence 39	3 US-09-679-185-1 Sequence 1,	3 US-09-679-185-3 Sequence 3,	4 US-09-621-976-1458 Sequence 14
1.1 219 4 US-09-493-795B-84 Sequence 1.1 219 4 US-09-493-795B-102 Sequence 1.1 220 3 US-09-488-799-95 Sequence 1.1 220 3 US-09-488-799-96 Sequence	1.1 220 3 US-09-488-799-98 Sequence 1.1 220 4 US-09-493-7558-130 Sequence 1.1 2.20 4 US-09-493-7558-130 Sequence	1.1 220 4 US-09-493-795B-136 Sequence 1.1 220 4 US-09-493-795B-152 Sequence	1.1 220 4 US-09-493-795B-289 Sequence 1.1 221 3 US-09-488-799-40 Sequence	1.1 222 4 US-09-248-796A-6827 Sequence	4 US-09-493-795B-64 Sequence 4 US-09-493-795B-68 Sequence	1.1 223 4 US-09-493-795B-70 Sequence	1.1 223 4 US-09-493-795B-72 Sequence	1.1 223 4 US-09-493-795B-291 Sequence	1.1 226 3 US-09-488-799-86 Sequence	1.1 226 3 US-09-488-799-88 Sequence	1.1 226 3 US-09-488-799-94 Sequence	1.1 226 4 US-U9-493-795B-90 Sequence	1.1 226 4 US-U9-493-795B-92 Sequence	227 4 US-09-493-795B-76 Sequence	1.1 248 4 US-09-493-795B-104 Sequence	1.1 248 4 US-09-493-795B-112 Sequence	1.1 262 4 US-09-513-999C-32006 Sequence	262 4 US-US-SI3-YYSC-34YY/ Sequence 282 3 US-08-R66-340-20 Sequence	1.1 282 3 US-09-103-875-26 Sequence	1.1 285 4 US-09-016-434-361 Sequence	1.1 302 4 US-09-513-999C-3436 Sequence	1.1 303 3 US-09-461-697-61 Sequence	1.1 312 3 US-09-240-274-118 Sequence	1.1 314 4 US-09-313-294A-6075 Sequence	1.1 315 4 US-09-252-991A-16252 Sequence	318 3 US-09-240-274-117 Sequence	1.1 318 3 US-09-240-274-119 Sequence	1.1 319 4 US-09-513-999C-14106 Sequence	1.1 32/ 4 US-09-513-999C-30821 Sequence 1.1 331 4 US-09-451-651-27 Sequence	1.1 334 4 US-09-621-976-7963 Sequence	4 US-09-513-999C-3421 Sequence	1.1 343 4 US-09-513-999C-35102 Sequence	1.1 345 4 US-09-573-080A-316 Sequence	1.1 348 3 US-09-461-697-57 Sequence	363 4 US-09-252-991A-8832 Sequence	1.1 363 4 03-09-313-3990-20040 Sequence	1.1 383 4 US-09-513-999C-35117 Sequence	3 US-09-370-838-88 Sequence	1.1 396 4 US-09-640-173-86 Sequence	1.1 396 4 US-09-713-550-36 Sequence	.1 396 4 US-09-825-294-36 Sequence	1.1 398 1 US-08-118-101A-5 Semience	1.1 399 3 US-09-461-697-53 Sequence	1.1 407 4 US-09-621-976-18088 Sequence	4 US-09-513-999C-10717 Sequence	1.1 416 4 US-UY-621-9/6-136 Sequence 13	1.1 428 3 US-09-397-787-228 Sequence 22	1.1 433 4 US-09-327-138C-11 Sequence 11	1.1 433 4 US-09-327-138C-39 Sequence 39	1.1 436 3 US-09-679-185-1 Sequence 1,	.1 436 3 US-09-679-185-3 Sequence 3,	4 US-09-621-976-1458 Sequence 14

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, LOCATION: 1..6
, OTHER INFORMATION: A portion of an antisense library including a BpmI site.
US-09-647-344A-43
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US-08-650-093C-97/c
US-08-650-093C-97, Application US/08650093C
; Sequence 97, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
; TITLE OF INVENTION: Compositions And Methods For Treatment
; TITLE OF INVENTION: Compositions And Methods For Treatment
; TITLE OF INVENTION: Compositions And Methods For Treatment
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                  Length 12;
       APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678 PCT. US
CURRENT APPLICATION UNDHBER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 43
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: INE COMPACTION:
COMPUTER: INE COMPACTION
COMPUTER: INE COMPACTION
SOFTWARE: WORDPERFECT 6.1 for Windows
SOFTWARE: WORDPERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/68/650,093C
FLING DATE: 17-May-1996
CLASSIFFCATION: <UNFOWN>
PRIOR APPLICATION NUMBER: 08/452,841
FLING DATE: MAY 30, 1995
APPLICATION NUMBER: 08/37,220
FILING DATE: MATCH 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: SEPTEMBER: 07/945,289
                                                                                                                                                                                                                                                                                                                                              Query Match 66.7%; Score 12; DB 4; I
Best Local Similarity 91.7%; Pred. No. 9.6e+02;
Matches 11; Conservative 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
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TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Nucleic Acid
STRANDEDNESS: Single
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ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
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 APPLICANT: Pierce, Michael L.
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COUNTRY: USA
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE REPERENCE: CLOO1307
CURRENT APPLICATION NUMBER: 06/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR PLILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRAFESEQ for Windows Version 4.0
SEQ ID NO 16910
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US-09-949-016-21113

US-09-949-016-21114

US-09-949-016-21114

US-09-949-016-21195

US-09-949-016-21196

US-09-949-016-21196

US-09-949-016-22295

US-09-949-016-22291

US-09-949-016-22291

US-09-949-016-223130

US-09-949-016-23131

US-09-949-016-23131

US-09-949-016-23131

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US-09-949-016-23131

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US-09-949-016-23131

US-09-949-016-24638

US-09-949-016-27307

US-09-949-016-27307

US-09-949-016-27307

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US-09-949-016-27307
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US-09-949-016-32534
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; Patent No. 6812339
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US-09-647-344A-43/C
; Sequence 43, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
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LOCATION: (1)...(59479)
OTHER INFORMATION: n = A,T,C or G
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 CCUGGAGNNNNNN 18
   US-09-949-016-16910/c
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ORGANISM: Human
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       RESULT 1
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Yei, Soonpin
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    APPLICANT:
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                                                                            Query Match 66.7%; Score 12; DB 3; Length 14; Best Local Similarity 83.3%; Pred. No. 9.4e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 98104-7002
COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,210
FILING DATE: 20-OCT-1997
CLASSIFICATION NUMBER: 33,963
ATTORNEY/ACENT INFORMATION:
NAME: MCMABLERE, DAVIG D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 480124.403C1
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 622-4900
TELEPHONE: CLOSO GES-6031
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                      Sequence 39, Application US/08954210

Patent No. 6043077

GENERAL INFORMATION:

APPLICANT: Barber, Jack R.

APPLICANT: Triz, Richard

APPLICANT: Yu, Mang

TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES

NUMBER OF SEQUENCES: 73

CORRESPONDENCE ADDRESS: 3

ADDRESSE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-08-650-093C-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 39, Application US/09431419A
Patent No. 6458567
GENERAL INFORMATION:
APPLICANT: Welch, Peter J.
APPLICANT: Tritz, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                            14 GGGTCCTGGAG 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY:
US-08-954-210-39
                                                                                                                                                                                                                                                                      US-08-954-210-39
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US-09-782-361-14

US-09-782-361-14

Sequence 14, Application US/09782361

Patent No. 6811974

GENERAL INFORMATION:

APPLICANT: Hu, Yu-Wen

TITLE OF INVENTION:

TITLE OF INVENTION: VARIATION

TITLE OF INVENTION: UNMORE: US/09/782,361

CURRENT APPLICATION UNMORE: 2001-02-13

NUMBER OF SEQ ID NOS: 49

SEQ ID NOS: 49

SEQ ID NO 14

LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 7
US-08-493-695-22/C
US-08-493-695-22/C
Sequence 22, Application US/08483695
Sequence 22, Application US/08483695
Sequence 22, Application US/08483695
Sequence 22, Application US/08483695
Sequence 22, Application US-08483695
Sequence 22, Application US-08483695
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
SURPERSPONDENCE ADDRESS: Hendareon Farabow Garrett &
                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                  66.7%; Score 12; DB 3; Length 16; 100.0%; Pred. No. 9.3e+02; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66.7%; Score 12; DB 4; I
83.3%; Pred. No. 9.2e+02;
iive 2; Mismatches 0,
APPLICANT: Yu, Mang
TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
FILE REFERENCE: 480124-403C3
CURRENT APPLICATION NUMBER: US/09/431,419A
CURRENT FILING DATE: 1999-11-01
NUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 39
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: primer for PSMEA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1300 I Street, N.W. CITY: Washington
                                                                                                                                                                                                           TYPE: DNA ORGANISM: Hepatitis C Virus
                                                                                                                                                                                                                                                                                                                                                    12, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                            3 GGGGUCCUGGAG 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                            Best Local Similarity
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NAME: Meyers, Kenneth J.

REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-0001-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-400
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
ILENGTH: 20 base pairs
ILENGTH: 20 base pairs
TELERT: 20 base pairs
TENGTH: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE, POCKET NUMBER: 05286-0001-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                             Query Match 66.7%;
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELETAX: 202-4vv
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
TRUGTH: 20 base pairs
                                                                                                                                                                                                                                                                                         Other
DNA probe
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19 GGGTCCTGGAG 8
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                 , MOLECULE TYPE:
, DESCRIPTION:
US-07-965-285-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-487-231-22/c
                                                                                                                                                                                                                                                                TOPOLOGY:
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Sequence 22, Application US/07965285

Sequence 22, Application US/07965285

GENERAL INFORMATION:
APPLICANT: Brechot, Christian
APPLICANT: KremaGorf, Dina
APPLICANT: Porchon, Colette
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/965,285
FT:ING DATE: 18-MAR-1993
                                                                                       CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/483,695

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US/07/965,285

FILING DATE: 18-MAR.1993

APPLICATION NUMBER: FR 91 06 882

FILING DATE: 06-JUN-1991

ATTORNEY/AGENT INFORMATION:

NAME: Meyers, Kenneth J.

REFERENCE/DOCKET NUMBER: 05286-0001-00000

TELECOMMUNICATION NUMBER: 05.408-4400

INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CRARACTERISTICS:

LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 12; DB :
Pred. No. 9.1e-
2; Mismatches
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INFORMATION:
    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lunner
LineET: 1300 I Street, N.W.
CITY: Washington
STATE: DC
COUNTY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: Other DESCRIPTION: DNA probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-965-285-22/c
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Sequence 22, Application US/08487231

Sequence 22, Application US/08487231

Patent No. 5919454

GENERAL INFORMATION:

APPLICANT: Brechot, Christian

APPLICANT: Remedorf, Dina

APPLICANT: Porchon, Colette

TITLE OF INVENTION: Nucleotide and Peptide Sequences of a

TITLE OF INVENTION: Hepatifis C Virus Isolate, Diagnostic and Therapeutic

TITLE OF INVENTION: Applications

NUMBER OF SEQUENCES: 46

CORRESPENDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner

STREET: 1300 I Street, N.W.
                                                                   Gaps
                                                                   .
0
Length 20;
                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CONFUREN: APPLICATION DATA:
APPLICATION NUMBER: US/08/487,231
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,285
FILING DATE: 18-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION UMBER: RS 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INPORMATION:
ANDER APPLICATION NUMBER: RS 91 06 882
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INPORMATION:
ANDER APPLICATION NUMBER: RE 91 06 882
FILING DATE: 06-JUN-1991
   Score 12; DB 2; I
Pred. No. 9.1e+02;
2; Mismatches 0
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ANTI-SENSE:
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US-08-397-220B-39
  US-08-397-220B-38
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APPLICANT: Kremsdorf, Dina
APPLICANT: Kremsdorf, Dina
APPLICANT: Porchon, Colette
TITLE OF INVENTION: Nucleotide and Peptide Sequences of a
TITLE OF INVENTION: Hepatitis C Virus Isolate, Diagnostic and Therapeutic
TITLE OF INVENTION: Applications
NUMBER OF SEQUENCES: 46
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                                                                                                                                      Gaps
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0
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Pred. No. 9.1e+02;
2; Mismatches 0; Indels
                                                                                             Score 12; DB 2; Length 20;
Pred. No. 9.1e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Finnegan, Henderson, Farabow, Garrett
ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         05286-0001-00000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,285
FILING DATE:
ATORNEY/AGENT INFORMATION:
NAME: MAYERS, Estenth 25,146
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05286-06
TELEPHONE: 202-408-4000
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                            Sequence 22, Application US/09201912
Patent No. 6210962
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1300 I Street, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%;
83.3%;
                                                                                             Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                ) MOLECULE TYPE: Other
) DESCRIPTION: DNA probe
US-08-487-231-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LECULE TYPE: Other DESCRIPTION: DNA probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                        1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
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19 GGGTCCTGGAG 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                            US-09-201-912-22/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
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RESULT 11

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Sequence 38, Application US/08397220B
Patent No. 6284458
GENERAL INFORMATION
APPLICANT: Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
Of Hepatitis C Virus-Associated Diseases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 39, Application US/08397220B
Patent No. 6284458
GENERAL INFORMATION:
APPLICANT: Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
Of Hepatitis C Virus-Associated Diseases
                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: 1BM 486 GOPERATING SYSTEM: WINDOWS FOR WORKGROUPS SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
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Pred. No. 9.1e+02;
2; Mismatches 0;
                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 09-Mar-1995
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP93/01293
FILING DATE: 10-Sep-93
APPLICATION NUMBER: JP 5-87195
FILING DATE: 14-Apr-93
APPLICATION NUMBER: 07/945,289
FILING DATE: 10-Sep-92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,220B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: ISPH-0031
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-08-397-2208-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 38
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                83.3%;
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGGTCCTGGAG 12
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                     ZIP: 08002
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APPLICANT: Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
Of Hepatitis C Virus-Associated Diseases
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COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486

OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,220B
FILING DATE: 09-Mar-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         66.7%; Score 12; DB 3; 1
83.3%; Pred. No. 9.1e+02;
tive 2; Mismatches 0;
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East, Suite 201
                                                                                                                              REFERENCE/DOCKET NUMBER: ISPH-0031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 40:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 10-Sep-93
APPLICATION NUMBER: JF 5-87195
FILING DATE: 14-Apr-93
APPLICATION NUMBER: 07/945,289
FILING DATE: 10-Sep-92
ATTORNEY/AGENT INFORMATION:
                            ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 41, Application US/08397220B
Patent No. 6284458
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                 INFORMATION FOR SEQ 1D NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
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INFORMATION FOR SEQ ID NO: 41:
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                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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STRANDEDNESS: Single
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Matches 10; Conservative
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5 GGGTCCTGGAG 16
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Patent No. 6284458
GENERAL INFORMATION:
GRIEGALT AND AND ADDICANT AND ADDICANT OF TITLE OF INVENTION:
Of Hepatitis C Virus-Associated Diseases
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MEDIUW TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: 1BM 486
OPERATING SYSTEM; WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                   MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66.7%; Score 12; DB 3; Length 20;
83.3%; Pred. No. 9.1e+02;
Mismatches 0; Indels
                                                 COMPUTER: IDSABLIE, 3.5 INCH, 1.44 FUD SIGN OPERATING SYSTEM: WINDOWS FOR WORKGROUPS SOCHWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,220B
FILING DATE: 09-Mar-1995
CLASSIFICATION: «UNKNOWN»
PRIOR APPLICATION: «UNKNOWN»
PRIOR APPLICATION: «UNKNOWN»
PRIOR APPLICATION: WORDER: PCT/JP93/01293
FILING DATE: 10-Sep-93
APPLICATION NUMBER: 07/945,289
FILING DATE: 10-Sep-92
APPLICATION NUMBER: 07/945,289
FILING DATE: 10-Sep-92
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0031
TELECOMMUNICATION INFORMATION:
TELEBEPHONE: (609) 779-2400
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CORRESPONDENCE ADDRESS:
ADDRESSE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
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CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/UD93/01293
FILING DATE: 10-Sep-93
APPLICATION NUMBER: JP S-87195
FILING DATE: 14-Apr-93
APPLICATION NUMBER: 07/945,289
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US-08-397-220B-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (609) 779-8488
MATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
COMPUTER READABLE FORM:
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Best Local Similarity 83.3
Matches 10; Conservative
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US-08-397-220B-40
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APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
Hepatitis C Virus-Associated Diseases
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TITLE OF INVENTION: Compositions And Methods For Treatment
Hepatitis C Virus-Associated Diseases
                                                                                                                                                                                                                                                     ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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Pred. No. 9.1e+02;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
                                                                                                      NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
CITY: Marlton
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CORRESPONDENCE ADDRESS:
ADDRESSEE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-08-650-093C-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Jane Massey Licata
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66.7%;
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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                          GENERAL INFORMATION:
      Patent No. 6391542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-650-093C-39
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                                                                                                                                                                                                                                                                                              Sequence 44, Application US/08397220B
Patent No. 6284458
GENERAL INFORMATION:
APPLICANT: Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
Of Hepatitis C Virus-Associated Diseases
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: DC 17/JP93/01293
FILING DATE: 10-Sep-93
APPLICATION NUMBER: JP 5-87195
FILING DATE: 10-Sep-92
APPLICATION NUMBER: JP 5-87195
FILING DATE: 10-Sep-92
APTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/LOCKET NUMBER: 32,257
REFERENCE/LOCKET NUMBER: 12,240
                                                               Score 12; DB 3; Length 20;
Pred. No. 9.1e+02;
2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                         2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Mismatches
; SEQUENCE DESCRIPTION: SEQ ID NO: 41: US-08-397-220B-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE DESCRIPTION: SEQ ID NO: 44:
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US-08-650-093C-38
; Sequence 38, Application US/08650093C
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(609) 779-8488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 44:
                                                               66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
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Best Local Similarity 83.3
Matches 10; Conservative
                                                                                   Best Local Similarity 83.3
Matches 10, Conservative
                                                                                                                                                  1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                       RESULT 15
US-08-397-220B-44
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                                                                 Query Match
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COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <u >Unknown></u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INFORMATION:
TELEPAX: (609) 779-2400
TELEPAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: LICATA & TYRRELL P.C. STREET: 66 E. Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; SEQUENCE DESCRIPTION: SEQ ID NO: 41: US-08-650-093C-41
                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 40:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           779-8488
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STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                            LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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GGGGTCCTGGAG 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-650-093C-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-650-093C-41
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US-08-650-093C-40
; Sequence 40, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; STREET: 66 E. Main Street
... STREET: 66 E. Main Street
... MATER.
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 3; Length 20; 83.3%; Pred. No. 9.18+02; Live 2; Mismatches 0; Indels
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                                     OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
                                                                                                                                 APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-2400
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-08-650-093C-39
      COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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TYPE: Nucleic Acid
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Best Local Similarity 83.3
Matches 10; Conservative
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Gaps
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Patent No. 6391542
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
Hepatitis C Virus-Associated Diseases
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Score 12; DB 3; Length 20;
Pred. No. 9.1e+02;
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NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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US-08-639-080-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US/09/641/c
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US-08-650-093C-44
; Sequence 44, Application US/08650093C
; Patent No. 6391542
; Patent INO. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment
Hepatitis C Virus-Associated Diseases
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APPLICATION NUMBER: US/08/650,093C FILING DATE: 17-May-1996 CLASSICIATION: <UNKnown>PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
Score 12; DB 3; Length 20;
Pred. No. 9.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 66.7%; Score 12; DB 3; Length 20; Best Local Similarity 83.3%; Pred. No. 9.1e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                       2; Mismatches
                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSE: LICATA & TYRELL P.C.
STREET: 66 E. Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 44:
US-08-650-093C-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Jane Massey Licata
REGISTRATION UNDER: 32.257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (609) 779-2400
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; Sequence 49, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (609) 779-8488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 44: SEQUENCE CHARACTERISTICS:
Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 08053
COMPUTER READABLE FORM:
                                                                             1 GGGGUCCUGGAG 12
                                                                                                                  7 GGGGTCCTGGAG 18
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                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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NAME/KEY: misc_feature

1 LOCATION: 1..14

1 CASTION: Deletion fragment in a deletion fragment library, including a por US-09-647-3448-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc feature

1. LOCATION: 1...16

1. OCHER INDEMATION: Portion of an intermediate in the making of a deletion library,

US/09/647,344A-38
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Patent No. 5843661
GENERAL INFORMATION:
APPLICANT: Rothemund, Paul W.K.
TITLE OF INVENTION: METHOD FOR CONSTRUCTING UNIVERSAL DNA
TITLE OF INVENTION: BASED MOLECULAR TURING MACHINE
                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 22
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APPLICANT: Pleace, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678, PCT. US
CURRENT APPLICATION NUMBER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR PILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 49
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ruffner, Duane E.
APPLICANT: Ruffner, Michael L.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.PCT. US
CURRENT APPLICATION UNDRER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 12; DB 4; 1
Pred. No. 9.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%; Score 12; DB 4;
91.7%; Pred. No. 9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 38, Application US/09647344A; Patent No. 6586180; GENERAL INFORMATION:
                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%;
91.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 91.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 91.7
Marches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7 CUGGAGNINININ 18
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FEATURE:

NAME/KEY: misc_feature

LOCATION: 14..19

OTHER INFORMATION: Sequence flanking the chloramphenicol (CAT) gene after insertion

Patent No. 6586180
US-09-647-344A-47
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Gaps
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US-08-397-220B-98/C
1S-08-397-220B-98, Application US/08397220B
Sequence 98, Application US/08397220B
Patent No. 6284458
GENERAL INFORMATION:
GENERAL AND TROOP t al.
TIPLE OF INVENTION: Compositions And Methods For Treatment
Of Hepatitis C Virus-Associated Diseases
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COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION NDATA:
APPLICATION NUMBER: US/08/397,220B
FILING DATE: 09-Mar-1995
CLASSIFICATION NUMBER: PCT/JP93/01293
FILING DATE: 10-Sep-93
APPLICATION NUMBER: PCT/JP93/1293
FILING DATE: 10-Sep-93
APPLICATION NUMBER: 07/945,289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; DB 4; Leus,
Indels
                                                                                                                                                 US-09-647-344A-47/C

Sequence 47, Application US/09647344A

Patent No. 6586180

GENERAL INFORMATION:
APPLICANT: Ruffiner, Duane B.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFRENCE: T6678. PCT. US
CURRENT APPLICATION NUMBER: US/09/647,344A

CURRENT FILING DATE: 1999-03-28

PRIOR FILING DATE: 1999-03-28

NUMBER OF SEQ ID NOS: 50
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0
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 12;
Pred. No.
    1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%;
91.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7 CUGGAGNNNNNN 18
    11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1:||||||||
25 CTGGAGNNNNN 14
                                                                              25 CTGGAGNNINNN 14
                                         7 CUGGAGNNINNN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 25
    Matches
                                                                                                                                            RESULT 25
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LOCATION: 6..19

CTHER INFORMATION: 14 bp variable sequence fragment of a deletion library including

US/09/647,344A-39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 7-24
; OTHER INFORMATION: where N at positions 6-13 can be adenine,
; OTHER INFORMATION: guanine, cytosine, thymine or uracil
US-08-639-080-22
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Pred. No. 9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                  COMPUTER FEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/639,080
FILING DATE: April 24, 1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: HARRIS, SCOLT C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678. PCT.US
CURRENT APPLICATION NUMBER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
ERO ID NO 39
LENGTH: 25
                                                                                                                                                                                                                                                                   CLASSIFICATION
ATTORNEY/AGENT INFORMALL.
NAME: Harris, Scott C.
REGISTRATION NUMBER: 32,030
REFRENCE/DOCKET NUMBER: 0618/129001
TELEPHONE: (619) 678-5070
TELEPHONE: (619) 678-5070
TELEPAX: (619) 678-5099
TELEX:
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
  E: Fish & Richardson P.C.
4225 Executive Square, Ste 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 39, Application US/09647344A Patent No. 6586180
GENERAL INFORMATION: APPLICANT: Ruffner, Duane E. APPLICANT: Rierce, Michael L. APPLICANT: Chen, Zhidong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.7%;
91.7%;
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Best Local Similarity 91.7%;
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7 CUGGAGNNNNN 18
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Best Local Similarity
                                           La Jolla
                                                                                  USA
                                                                                COUNTRY: US
ZIP: 92037
      ADDRESSEE:
                                                                STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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Gaps

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RESULT 28
US-08-240-547-7/C
; Sequence 7. Application US/08240547
; Patent No. 5527669
; GENERAL INPORMATION:
; APPLICANT: Resnick, Robert M.
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Primers and Probes for Detection of TITLE OF INVENTION: Hepatitis C and No. 5527669el Variants
; TITLE OF SEQUENCES: 43
; CORRESPONDENCE ADDRESSE:
; ADDRESSEE: Hoffmann-La Roche Inc.
                                                                                                        .;
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                                         Score 12; DB 3; Length 20;
Pred. No. 8.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 07110-1199
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible.
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/240,547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2; Mismatches
SEQUENCE DESCRIPTION: SEQ ID NO: 98:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/918,844
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Patent No. 5689052
GENERAL INFORMATION:
APPLICANT: Brown, Sherri M.
APPLICANT: Dean, Duff A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PILLING DATE:
ATORNEY/AGENT INFORMATION:
NAME: Sias Ph.D., Stacey R.
REGISTRATION NUMBER: 32.630
REFFERENCE/DOCKET NUMBER: 8586
TELECOMUNICATION INFORMATION:
TELEPHONE: (510) 814-2977
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 340 Kingsland Street CITY: Nutley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic)
US-08-240-547-7
                                                          66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         66.7%;
83.3%;
                                                          Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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LENGTH: 30 base pairs
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                                                                                                                                                                                      20 GGGGTCCTGGAG 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-530-492-66/c
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US-08-650-093C-98
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US-08-650-093C-98/C
US-08-650-093C-98, Application US/08650093C
; Sequence 98, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; TITLE OF INVENTION: Compositions And Methods For Treatment
; TITLE OF INVENTION: Compositions And Methods For Treatment
;
                                                                                                                                                                                                                                                                                                                                                                                                                        ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IN Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERECT 6.1 for Windows
                                                                                                                                                                                                                                                                                                                                                                         66.7%; Score 12; DB 3; Length 26; 83.3%; Pred. No. 8.9e+02; tive 2; Mismatches 0; Indels
          ATTORNEY AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION UNDRER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEPHONE: (609) 779-2400
INFORMATION FOR SEQ ID NO: 98:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: MARCH 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
                                                                                                                                                                                                                                                                                                       ; SEQUENCE DESCRIPTION: SEQ ID NO: 98:
US-08-397-2208-98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3: (609) 779-2400
(609) 779-8488
FILING DATE: 10-Sep-92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 98:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 83.3
Matches 10, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
                                                                                                                                                                                                                                                                                        ANTI-SENSE: No
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Sequence 2597, Application US/09422978
; Sequence 2597, Application US/09422978
; Sequence 2597, Application US/09422978
; GENERAL INFORMATION:
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature

) LOCATION: 6..12 and 35..40

) OTHER INFORMATION: Hammerhead ribozyme library with flanking sequences.

0S-09-647-344A-88
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Pred. No. 8.6e+02;
2; Mismatches 0; Indels
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Pred. No. 8.4e+02;
L; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INTEGRAMION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Ruffner, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.PCT. US
CURRENT APPLICATION NUMBER: US/09/647,344A
CURRENT APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 48
LENGTH: 46
                 PatentIn Release #1.0, Version #1.30
  ; Sequence 48, Application US/09647344A; Patent No. 6586180
PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                    66.7%;
83.3%;
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91.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 GGGGTCCTGGAG 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
The 11; Conserve
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-647-344A-48/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-422-978-2597
                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                         US-08-906-517-66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 32
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APPLICANT: Brown, Duff A.
APPLICANT: Dean, Duff A.
APPLICANT: Promm, Michael B.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For INVERSION ENVENTION: Dreparation Thereof
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee
STREET: P.O. Box 4433
                 APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For
TITLE OF INVENTION: Dreparation Thereof
VORRESPONDENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F
STREET: 700 Chesterfield Parkway No. 5689052th
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 39;
                                                                                                                                                                                                                                                                     COMPUTER EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,492
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/172,333
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: HOETHER JF., Dennis R.
REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 38-21(10605) A
TELECOMMUTCATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-906-517-66/c
; Sequence 66, Application US/08906517
Patent No. 6180774
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: DNA (synthetic) US-08-530-492-66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
  Fromm, Michael E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 66 SEQUENCE CHARACTERISTICS: LENGTH: 39 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
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Matches
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Gaps

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Pred. No. 7.5e+02;
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US-08-256-568B-61/C

Sequence 61, Application US/08256568B

Sequence 62, Application US/08256568B

Sequence 63, Application US/08256568B

Sequence 61, Application US/08256568B

Sequence 61, Application US/08256568B

RENEAL INFORMATION: ABOUTERS, HUGO

TITLE OF INVENTION: PROCESS FOR TYPING OF HCV

TITLE OF INVENTION: ISOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN

STREET: 600 THIRD AVENUE

COTTY: NEW YORK
                                                                            STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,700B
FILING DATE: 07-UN-1995
PROR APPLICATION NUMBER: US/08/474,700B
FILING DATE: 10 May 1994
ATTORNEY/AGENT INFORMATION:
NAME: Fraser: 10 May 1994
ATTORNEY/AGENT INFORMATION:
NAME: Fraser: Janis K:
REGISTRATION NUMBER: 34,819
REFERENCE/COCKET WUMBER: 34,819
REFERENCE/COCKET WUMBER: 34,819
TELLECOMMUNICATION INFORMATION:
TELLECOMMUNICATION INFORMATION:
TELLEFAX: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
                       Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                            225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 200154
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 155 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           33 GGGTCCTGGAG 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: NEW YORK
                       ADDRESSEE: Fis
STREET: 225 Fr
CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-474-700B-41

Sequence 41, Application US/08474700B

Patent No. 6001990

GENERAL INFORMATION:
APPLICANT: Wands, Jack
APPLICANT: Wakita, Takaji
APPLICANT: Moradpour, Darius
IIILE OF INVENTION: ANTISENSE INHIBITION OF HEPATITIS C
ITTLE OF INVENTION: VRUS
NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%; Score 12; DB 4; Length 47;
83.3%; Pred. No. 8.4e+02;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                   NAME/KEY: allele

CCATION: 24

CHER INFORMATION: 99-1211-59 : polymorphic base C or T

US-09-422-978-2597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10142, Application US/09621976

Patent No. 6639063

GENERAL INFORMATION:
APPLICANT: Under Miller Edwards, J.B.
APPLICANT: Glocket, S.
APPLICANT: Glocket, S.
TITLE REFERENCE: GENSET. 054PR2
FILE REFERENCE: GENSET. 054PR2
CURRENT APPLICATION INMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 10142
LENGTH: 61
                CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER PILING DATE: 1999-04-21
EARLIER PILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 2597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-10142
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: 6
                                                                                                                                                                                                                                                                                       ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-621-976-10142
                                                                                                                                                                                                                                                                    TYPE: DNA
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2; Mismatches
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SOFWARE: ASCII
CURRENT APPLICATION DATA:
FILING DATE: 18-UUL-1994
CLASSIFICATION NUMBER: US/08/256,568B
FILING DATE: 18-UUL-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. WUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
                                                                                                                                                                                                                                                                                             CLONE: gb48
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
               TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (212) 661-8000
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TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: cDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 37
US-08-256-568B-68/c
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US-08-256-568B-67
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US-08-256-568B-67/c
; Sequence 67, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
          APPLICATION NUMBER:

APPLICATION NUMBER:

FILING DATE:

APPLICATION DATA:

APPLICATION NUMBER:

APPLICATION NUMBER:

APPLICATION NUMBER:

ATTORNEY/AGENT INFORMATION:

NAME: CHARLES A. MUSERLIAN

REGISTRATION NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 410.004

TELECOMMUNICATION INFORMATION:

SEQUENCE CHARACTERISTICS:

LENGTH: 177 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

MOLECULE TYPE: CDNA

IMMEDIATE SOURCE:

CLONE: be82 (also referred to as be99)

POSITION IN GENOME:

MAP POSITION: 5' untranslated region

US-08-256-568-61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MBDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFFCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
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APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-00/1992
ATTORNEY AGENT INFORMATION:
ATMAR: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26 GGGTCCTGGAG 15
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PRIOR APPLICATION DATA:
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Gaps
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66.7%; Score 12; DB 2; Length 177; 83.3%; Pred. No. 7.4e+02;
                                         0; Indels
                                                                                                                                                                                                               Sequence 68, Application US/08256568B
Patent No. 5846704
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
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Gaps
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          Pred. No. 7.4e+02;
2; Mismatches 0; Indels
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                                                                                                                                                                      RESULT 39
US-08-256-568B-70/C
; Sequence 70, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GERRT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: ASCII
CURRENT APPLICATION DATA:
PPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 7-NOV-1992
ATTONNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERIJAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFIERONMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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      83.3%;
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INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
  Best Local Similarity 83.3
Matches 10; Conservative
                                                                      1 GGGGUCCUGGAG 12
                                                                                            26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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POSITION IN GENOME:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 10016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-256-568B-70
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                                                                                                           원
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                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                  ;
0
                                                                                                                                                                          Length 177;
                                                                                                                                                  Score 12; DB 2; Length 1/7, Pred, No. 7.46+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: MAERTENS, GEBRT; STUYVER, LIEVEN, APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV INTER OF INVENTION: ISOLATES NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION TAIS
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EP/92/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATPOREX/ASTI INFORMATION:
APPLICATION NUMBER: 410.004
FLING DATE: 27-NOV-1992
ATPOREX/ATION NUMBER: 410.004
FLEECOMMUNICATION INFORMATION:
TELEBHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
TENGTHAND TO SERVICE:
TELEBHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:
                                                                                                                                                                                                                2; Mismatches
                                                  ; CLONE: gblid; ; POSITION IN GENOME: ; MAP POSITION: 5' untranslated region US-08-256-568B-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLONE: gb569
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                  US-08-256-568B-69/c
Sequence 69, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                      Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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TOPOLOGY: linear
                        MOLECULE TYPE: CI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-256-568B-69
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RESULT 40

66.7%; Score 12; DB 2; Length 177;

Query Match

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 42
US-08-256-568B-74/C
; Sequence 74, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
    APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN, APPLICANT: ROSSAU, UNDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: ISOLATES
    TUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
    ADDRESSE: BIERMAN & WUSERLIAN
    STREET: NEW YORK
    STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 7-NOV-1992
ATTORNEY, AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFIERONES/COCKET NUMBER: 19,683
REFIERONES/COCKET NUMBER: 19,683
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                ADDRESSE: BIERMAN & MUSERLIAN
STREEF: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA ZIP: 10016 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (212) 661-800
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                         ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                         USA
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                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  δ
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                                                                                                    GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUTVVER, LIEVEN;
APPLICANT: ROSSAU, RUDI: VAN HEUVERSWIN, HUGO
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 41

1.02.08-256-568B-73/C

1.02.08-256-568B

2.02.08-266-568B

3.02.08-256-568B

4.02.08-256-568B

5.02.08-256-568B

5.02.08-256-568B

6.02.08-256-568B

6.02.08-256B

6.02.08-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SISLEM:
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18 -UUL-1994
CLASSIFICATION: 435
PRICA APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/0325
FILING DATE: 26 -NOV-1993
PRICA APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: BC/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A: MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEDOMMONICATION INFORMATION:
TELEDOMMONICATION INFORMATION:
TELEPAX: (212) 661-8000
TELEPAX: (212) 661-8000
TELEPAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  POSITION IN GENOME: MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 10016
COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
US-08-256-568B-72/c
; Sequence 72, Application US/08256568B
; Patent No. 5846704
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     26 GGGTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-256-568B-72
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-256-568B-76/c
; Sequence 76, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
   APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: ISOLATES
   TITLE OF INVENTION: ISOLATES
   NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
   ADDRESSEE: BIERNAN & MUSERLIAN
                     PRIOR APPLICATION DATE:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 37-NOV-1992
ATTORNEY AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
PEPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-UUL-1994
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIIG DATE: 37-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLONE: gb487
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: BIERMAN & MUSERLIAN
600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CHARLES A. MUSERLIAN
       FILING DATE: 26-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
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STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: line
MOLECULE TYPE: cl
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-256-568B-75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-256-568B-75/C

Sequence 75, Application US/08256568B

Patent No. 5846704

GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERGWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                             CURRENT APPLICATION DATA:
SOFTWARE: ASCII
CURRENT APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-UUL-1994
CLASSIFICATION NUMBER: US/08/256,568B
FRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FP93/03325
FILING DATE: 36-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-NOV-1992
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 19,681
FILING DATE: 1000-1993
APPLICATION NUMBER: 19,683
FRIGHTRANCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEFAX: (212) 661-8000
TELEFAX: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 74: SEQUENCE CHARACTERISTICS: LENGTH: 177 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: CDNA
TODLOGY: 1 inear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIPICATION 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IMMEDIATE SOURCE:
CLONE: gb809
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGGUCCUGGAG 12
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Gaps
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0
                                                                                                                                                                                                                             Length 177;
                                                                                                                                                                                                                                                                                 0; Indels
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US-08-256-568B-78/C
; Sequence 78, Application US/08256568B
; Patent No. 5846704
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
; APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: 1SOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
STATE: NEW YORK
ZIP- 1.
                                                                                                                                                                                                                          Score 12; DB 2;
Pred. No. 7.4e+02;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATURA SISTEMANO DATA:
OPERATURA SISTEMANO DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRICA APPLICATION NUMBER: US/08/256,568B
FILING DATE: 26-NOV-1993
PRICA APPLICATION NUMBER: EP/93/03325
FILING DATE: 31-AUG-1993
PRICA APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRICA APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATPORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REFIERRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            POSITION IN GENOME: MAP POSITION: 5' untranslated region
                                                                                                                                                      5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMBUTTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                               66.7%;
                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.3'
                                                                                                                                                                                                                                                                                                                                   1 GGGGUCCUGGAG 12
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                                                                                                    LIBRARY: be97
POSITION IN GENOME:
MAP POSITION: 5'
                                  linear
                            TOPOLOGY: line
MOLECULE TYPE: cl
IMMEDIATE SOURCE:
     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-256-568B-78
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US-08-256-568B-77
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66.7%; Score 12; DB 2; Length 177;
Best Local Similarity 83.3%; Pred. No. 7.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 45
US-08-256-568B-77/c
Sequence 77, Application US/08256568B
Patent No. 5946704
GENERAL INPORMATION:
APPLICANT: MERETENS, GERET; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: SOCIATES
NUMBER OF SEQUENCES: 97
CORRESPONDED ADDRESS:
ADDRESSEE: ADDRESSE:
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-U10-1994
CLASSIFICATION ATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
                                                                                                                                                                                                                                                                                                                                         CLONE: gb724
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
TELEPAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTER STICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: CDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-256-568B-76
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Length 177;
                    Query Match 66.7%; Score 12; DB 2; Le:
Best Local Similarity 83.3%; Pred. No. 7.4e+02;
Matches 10; Conservative 2; Mismatches 0;
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Patent No. 6171784
GEBERL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLARES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
FILING DATE: 31-AUG-1993
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTONEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFIERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (212) 661-800
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                         CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IMMEDIATE SOURCE:
CLONE: be98
                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 49
US-09-038-369B-61/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-256-568B-80
                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ò
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                                                        Gaps
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66.7%; Score 12; DB 2; Length 177; 83.3%; Pred. No. 7.4e+02; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 66.7%; Score 12; DB 2; Length 177; Best Local Similarity 83.3%; Pred. No. 7.4e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                       US-08-226-568B-79/C

US-08-226-568B-79/C

Sequence 79, Application US/0825656BB

Patent No. 5846704

GENERAL INFORMATION:
APPLICANT: MARTENS, GERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
TITLE OF INVENTION: ISOLATES
TITLE OF INVENTION: ISOLATES
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: GOO THIRD AVENUE
CITY: NEW YORK

STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FUAM:

MEDIUM TYPE: Floppy disk
COMPUTER: IB PC compatible
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FLING DATE: 18-JUL-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 28-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FLING DATE: 37-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REGISTRATION SEGION NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: be96
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                    Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                 1 GGGGUCCUGGAG 12
                                                                                                                             26 GGGTCCTGGAG 15
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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COUNTRY:
  Query Match
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; Sequence No. 6171784
; Patent No. 6171784
; GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
TITLE OF INVENTION: ISOLATES
; CORRESPONDENCE 97
; CORRESPONDENCE ADDRESS:
; ADDRESSE: HIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
; CITY: NEW YORK
                                                                                             OPERATION STATE...

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRICA APPLICATION DATA:

APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRICA APPLICATION NUMBER: BP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REGISTRATION INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION INFORMATION:
TELEPHONE: (212) 661-8000
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
ILENGTH: 177 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLONE: gb48
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII
            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: ASCII
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
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ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CIMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 51
US-09-038-369B-68/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Jacobs Jacobs Gold Application US/09018369B

j Sequence 67, Application US/09018369B

j Patent No. 6171784

j GENERAL INFORMATION:
    APPLICANT: MAERTENS, GEERT; STUTVUER, LIEVEN;
    APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
    TITLE OF INVENTION: ISOLATES
    NUMBER OF SEQUENCES: 97

    CORRESPONDENCE ADDRESS:
    ADDRESSEE: BIERMAN & MUSERLIAN
    STREET: GOO THIRD AVENUE
    CITY: NEW YORK
    STATE: NEW YORK
    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                            APPLICATION NOTE:

CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
PLING DATE: 18-JUL-194
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-NOV-1992
ATTORNEY/AGENT INFORMATION:
REFERENCE/POCKET NUMBER: 19,683
REFERENCE/POCKET NUMBER: 410.004
TELEPHON: (212) 661-8000
TELEPHON: (212) 661-8000
TELEPHON: (212) 661-8000
TELEPKX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERICS:
LENGTH: 177 Dase pairs
TYPE: nucleic acid
TYPE: nucleic acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: be82 (also referred to as be99)
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                         SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
                                                                                                                                                             ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                 CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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NUMBER OF SEQUENCES: 97
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Score 12; DB 3; Length 177;
Pred. No. 7.4e+02;
2; Mismatches 0; Indels
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; Sequence 70, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
APPLICANT: MARRYENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY, AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 Dasse pairs
TYPE: mucleic acid
TYPE: mucleic acid
TYPE: mucleic acid
TYPE: mucleic acid
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PELING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
FRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION UMMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLONE: gbs69
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: BIERMAN & MUSERLIAN STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%;
83.3%;
                   FILING DATE: 26-NOV-1993
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Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    26 GGGTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: cDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: NEW YORK STATE: NEW YORK
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66.7%; Score 12; DB 3; Length 177;

Best Local Similarity 83.3%; Pred. No. 7.4e+02;

Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 69, Application US/09038369B
; Sequence 6171784
; GENERAL INFORMATION:
    APPLICANT: MARRIENS, GEERT; STUTVER, LIEVEN,
    APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
    TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
    TITLE OF INVENTION: ISOLATES
    NUMBER OF SEQUENCES: 97
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: BIERMAN & MUSERLIAN
    STREET: NEW YORK
    COUNTRY: NEW YORK
    COUNTRY: NEW YORK
    COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    COMPUTER: IBM PC Compatible
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: ASCII.
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PC/FEP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,004
TELEPAN: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
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CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: CDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLONE: gb116
POSITION IN GENOME:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 55
US-09-038-3698-73/C
; Sequence 73, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
    APPLICANT: MARKTENS, GEERT; STUYVER, LIEVEN,
    APPLICANT: ROSSAU, WIDLI, VAN HEUVERSWYN, HUGO
    TITLE OF INVENTION: ISOLATES
    NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
    ADDRESSEE: BIERMAN & MUSERLIAN
    STREET: GOO THIRD AVENUE
    STREET: NOTER AVENUE
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CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 37-NOV-1992
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 77-NOV-1992
ATTOMNEY/GRAPT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
RESTERNEY/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
***INFORMATION FOR SEQ ID NO: 73:
***INFORMATION FOR SEQ ID NO: 73
                                                                                                                                                                                                                                                                               | IMMEDIATE SOURCE:
| CLONE: cam600
| POSITION IN GENOME:
| MAP POSITION: 5' untranslated region
| US-09-038-3698-72
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Florm:
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                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: CDN
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Pred. No. 7.4e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: MERTENS, GERT; STUTVER, LIEVEN,
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER: ELADAPILE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC COMPATIBLE FORM:
MEDIUM TYPE: PLOPPY GOMPATIBLE FORM:
MEDIUM TYPE: PLOPPY GOMPAT
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION WUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: gb358
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-038-369B-70
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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APPLICATION NUMBER: US/09/038,369B
FILING DATE:
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REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 54
US-09-038-369B-72/c
; Sequence 72, Application US/09038369B
; Patent No. 6171784
; GENERAL MINFORMATION:

GENERAL MANADEMENS. GEERT; STUYVI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%;
83.3%;
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Best Local Similarity 83.3
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2; Mismatches

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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                 Score 12; DB 3; Length 177;
Pred. No. 7.4e+02;
2; Mismatches 0; Indels
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US-09-038-369B-74/c
; Sequence 74, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
APPLICANT: MAENTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
ITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DAILS:
CLASSIPICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
FILING DATE: 18-UL-1994
APPLICATION NUMBER: 08/256,568
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARRATERISTICS:
LENGTH: 177 base pairs
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARRATERISTICS:
LENGTH: 177 base pairs
STRANDEDNESS: SINGLE
                     ; CLONE: cam736; POSITION IN GENOME: ; MAP POSITION: 5' untranslated region US-09-038-3698-73
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POSITION IN GENOME:
MAP POSITION: 5' untranslated region
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READBBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                 Query Match 66.7%;
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                   26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
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MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                10016
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66.7%; Score 12; DB 3; Length 177;

Query Match

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Gaps
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                                                                                                                                                 RESULT 57
US-09-038-369B-75/C
| Sequence 75, Application US/09038369B
| Patent No. 6171784
| GENERAL INFORMATION:
| APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
| TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
| TITLE OF INVENTION: ISOLATES
| TORRESPONDENCES: 97
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: BIERMAN & MUSERLIAN
| STREET: 600 THIRD AVENUE
| CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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MAP POSITION: 5' untranslated region
US-09-038-369B-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILLIG DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                            12
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Best Local Similarity 83.3
Matches' 10; Conservative
                                                                    26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: NEW YORK COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     g
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66.7%; Score 12; DB 3; Length 177; 83.3%; Pred. No. 7.4e+02; ive 2; Mismatches 0; Indels
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US-09-038-369B-78/c
; Sequence 78, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: SOLATES
NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
APPLICANT: ROSSAU, RUDI, VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: 1SOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18 - JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATPORNEY/AGENT INVERMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REPERBENCE/DOCKET NUMBER: 19,683
TELEDROME. (212) 661-8002
TELEPRAX: (212) 661-8002
                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/038,369B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LIBRARY: be97
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-038-369B-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                         ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: line
MOLECULE TYPE: c
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ò
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Pred. No. 7.4e+02;
2; Mismatches 0; Indels
                                                                                                                                               APPLICANT: MAETENS, GERRT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-038-369B-77/c

Sequence 77, Application US/09038369B

Patent No. 61717BA

Patent No. 61717BA

Patent No. 41717BA

APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIPICATION:
PRILING DALE:
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UL-1994
APPLICATION NUMBER: PCT/EP93/03125
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (212) 661-8000
TELEFRAX: (212) 661-8000
TELEFRAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; CLONE: gb724
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-038-369B-76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
                                                       US-09-038-369B-76/c; Sequence 76, Application US/09038369B; Sequence 76, Application US/09038369B; Patent No. 6171784; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
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MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                                                           10016
                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                     RESULT 58
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Length 177;
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US-09-038-369B-80/c
; Sequence 80, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: MASSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66.7%; Score 12; DB 3; 1
83.3%; Pred. No. 7.4e+02;
                                                                                    FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 31-JUC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; MAP POSITION: 5' untranslated region US-09-038-369B-79
                         SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
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BEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
  OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 600 THIRD AVENUE CITY: NEW YORK STATE: NEW YORK COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
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CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: lines
MOLECULE TYPE: CI
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       10016
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Sequence 79, Application US/09038369B

Patent No. 6171784

GENERAL INCORMATION:
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
ADDRESSBEE: BIERMAN & MUSERLIAN
STREET: NEW YORK
STATE: NEW YORK

COUNTRY: USA
                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18 -UUL-1994
APPLICATION NUMBER: PCT/EP93/0325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-NOV-1992
ATTORNEY/AGENT INTORMATION:
NAME: CHARLES A MUSERLIAN
REGISTRATION NUMBER: 19,683
FEFERRECE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: (212) 661-8002
INFORMATION FOR SEQ 1D NO: 78:
SEQUENCE CHARACTER.STICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                               COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-038-369B-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 10016
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STKANNEL
TOPOLOGY: 11nea.
MOLECULE TYPE: CDNI
IMMEDIATE SOURCE:
NEW YORK
                                                  USA
                                                                         10016
                                                  COUNTRY:
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Gaps
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US-09-138-900A-67/C
Sequence 67, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: SOLLATES
NUMBER OF SEQUENCES: 97
NUMBER OF SEQUENCES: 97
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NOW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER: EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: BEADABLE FORM:
MEDIUM TYPE: PLOSS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66.7%; Score 12; DB 4; 183.3%; Pred. No. 7.4e+02; Live 2; Mismatches 0
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY, AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFRENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: cDNA IMMEDIATE SOURCE: CLONE: be82 (also referred to as be99) POSITION IN GENOME: MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
RAME: CHARLES A. MUSERLIAN
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-378-900A-61
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                     APPLICATION NUMBEK: vo,coccurrent FILING DATE: 1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION DATA: PCT/EP93/03325
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-NOV-1992
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRANCION NUMBER: 9,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION INFORMATION IN
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PRIOR APPLICATION DATA:
APPLICATION UNMER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
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COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: CDNA

IMMEDIATE YORGE:

CLONE: be98

POSITION IN GENOME:

MAP POSITION: 5' untranslated region
US-09-038-3698-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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Sequence 69, Application US/09378900A

Sequence 69, Application US/09378900A

PAPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;

APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: ISOLATES

TITLE OF INVENTION: ISOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                Score 12; DB 4; Le
Pred. No. 7.4e+02;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUJ-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 10.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                  CLONE: ______;
CLONE: _____gbl16
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-378-900A-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: 9D569
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                             Query Match 66.7%; Sc
Best Local Similarity 83.3%; Pr
Matches 10; Conservative 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 600 THIRD AVENUE CITY: NEW YORK STATE: NEW YORK COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (212) 661-800 INFORMATION FOR SEQ ID NO: 8 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    177 base pairs
                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                             26 GGGGTCCTGGAG 15
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STRANDEDNESS: sing
                             linear
                      TOPOLOGY: linear
MOLECULE TYPE: CDN
IMMEDIATE SOURCE:
CLONE: gb116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10016
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-378-900A-68/C

Sequence 68, Application US/09378900A

Patent No. 6495670

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: SOLATES
NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTEY: USA
ZIP: 10016
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: READBLE FORM:
COMPUTER: IBM PC COMPATIBLE
COMPUTER: SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 28-NOV-1993
PRIOR APPLICATION DATE: 26-NOV-1993
PRIOR APPLICATION DATE: 28-NOV-1993
PRIOR APPLICATION DATE: 28-NOV-1993
PRIOR APPLICATION DATE: 28-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 77-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPRAN: (212) 661-8000
TELEPRAN: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                      CLONE: 9048;
POSITION IN GENOME:
MAP POSITION: 5' untranslated region US-09-378-900A-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                 TELEPHONE: (212) 661-8000
TELEPAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
TELECOMMUNICATION INFORMATION:
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Length 177;
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Pred. No. 7,4e+02;
                                                                                                         US-09-378-900A-72/c

Sequence 72, Application US/09378900A

Perent No. 6495670

GENERAL INFORMATION:
APPLICANT: MARKTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO;
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES;
NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: BP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: BF/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: BF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTOMNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
RESTERNENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEPHONE: (312) 661-8000
TELEPHONE: (312) 661-8000
TELEPHONE: (312) 661-8000
TELEPHONE: (312) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; IMMEDIATE SOURCE:
; CLONE: cam600
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region US-09-378-900A-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 10016
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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US-09-378-900A-73/c
; Sequence 73, Application US/09378900A
                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: BIERMAN & MUSERLIAN STREET: 600 THIRD AVENUE CITY: NEW YORK STATE: NEW YORK
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Best Local Similarity 83.3
Matches 10; Conservative
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26 GGGGTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                      NEW YORK
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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                                       Score 12; DB 4; Length 177; Pred. No. 7.4e+02; 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 4; Length 177; 83.3%; Pred. No. 7.4e+02; tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                              US-09-378-900A-70/c

Sequence 70 Application US/09378900A

Sequence 70 Application US/09378900A

Patent No. 6495670

GENERAL INFORMATION:
APPLICANT: MAERIENS, GEERT; STUTVER, LIEVEN;
APPLICANT: MAERIENS, GEERT; STUTVER, LIEVEN;
APPLICANT: MAERIENS, GEERT; STUTVER, LIEVEN;
APPLICANT: MOSATION: ISOLATES
APPLICANT: MOSATION: ISOLATES

NUMBER OF SEQUENCES: 97

COURESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRICKASIFICATION:
PRICK APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 31-AUG-1993
PRICK APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEFRA: (212) 661-8000
TELEFRA: (212) 661-8002
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: gb358
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                            66.78;
83.38;
                                            Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                            26 GGGGTCCTGGAG 15
                                                                                                                                     1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 10; Conserva
  US-09-378-900A-69
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Gaps ..

1 GGGGUCCUGGAG 12

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 75, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION: GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWIN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
                                                                                                                                                  COUNTRY:

ZIP:

USAGE
ZIP:

COMPUTER READABLE FORM:

MEDIUM TYBE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
FILING DATE: 19-10L-1994
APPLICATION NUMBER: PCT/FP93/03325
FILING DATE: 19-10L-1994
APPLICATION NUMBER: BP/256,568
FILING DATE: 13-10L-1993
APPLICATION NUMBER: BP/3/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: BP/3/402,129.6
FILING DATE: 27-NOV-1992
ATPORNEY/AGENT INFORMATION:
TELEFRENCE/DOCKET NUMBER: 19.683
TELEFRENCE/DOCKET NUMBER: 19.683
TELEFRENCE/COMMUNICATION INFORMATION:
TELEFRANCE/DOCKET NUMBER: 19.683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLONE: gb809
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 97
CORRESPONDRINCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                        600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
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  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: CDNA IMMEDIATE SOURCE:
                                                                                NEW YORK
NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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STATE: NEW YORK
                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 71
US-09-378-900A-75/c
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ZIP: 10016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-378-900A-74
                                                                                                              STATE: NE COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ઠ
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                 GENERAL INPORMATION:
APPLICANT: MAERTENS, GEERT; STUTVYER, LIEVEN;
APPLICANT: ROSSAU, RUDI: VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 74, Aprication US/09378900A
Patent No. 6495670
GENERAL INFORMATION: RESTRICT STUTYER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF EQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRILING DATE:
CLASSIPICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATYONEY/AGENT INVENMATION:
NAME: CHARLES A MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERRENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARRACTERISTICS:
LENGTH: 177 Dase pairs
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARRACTERISTICS:
LENGTH: 177 Dase pairs
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLONE: cam736
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 83.3
Matches 10, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                          10016
R RF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
Patent No. 6495670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-378-900A-74/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-378-900A-73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-378-900A-77/c

Sequence 77, Application US/09378900A

Patent No. 6495670

GENERAL INFORMATION:

APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: PROCESS FOR TYPING OF HCV

TITLE OF INVENTION: ISOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ouery Match 66.7%; Score 12; DB 4; 1 Best Local Similarity 83.3%; Pred. No. 7.4e+02; Matches 10; Conservative 2; Mismatches 0
  CLASSIFICATION:
PRIOR APPLICATION:
PROR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION DATA:
APPLICATION OF APPLICATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REGISTRATION INFORMATION:
TELEFRAM: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 10016
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26 GGGTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLONE: gb724
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: lines
MOLECULE TYPE: CI
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-378-900A-76/C
; Sequence 76, Application US/09378900A
; Patent No. 6495570
; GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
TILLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: SOLATES
NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
ADDRESSE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-ULL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATPORNEY/AGENT INFORMATION:
NAME: CHARLES A MUSERLIAN
RECESTRATION NUMBER: 19,683
FELERRENCE/DOCKET NUMBER: 410.004
TELEFAX: (212) 661-8002
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
LENGTH: 177 base pairs
THENGTH: 177 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                           SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANGE INDEAD TOPOLOGY: 11DEAD MOLECULE TYPE: CDNA IMBDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: NEW YORK STATE: NEW YORK
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Gaps

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Score 12; DB 4; Length 177; Pred. No. 7.4e+02; 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 79, Application US/09378900A
Patent No. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUTVER, LIEVEN;
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: 1SOLATES
NUMBER OF SEQUENCES:
CORRESPONDENCE ANDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: 07/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTOMNEY/AGENT INFORMATION:
APPLICATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEPHAN: (212) 661-8002
                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: be95
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-378-900A-78
                   REGISTRATION NUMBER: 19,683
REPERRNEC/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 Dase pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII CURRENE APPLICATION DATA: APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
    CHARLES A. MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GGGGUCCUGGAG 12
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US-09-378-900A-79/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 4; Length 177; 83.3%; Pred. No. 7.4e+02; Live 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-US-JOB-JOB-JOB-

US-US-JOB-JOB-LAB/CS

PATENT NO. 6495670
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUVVER, LIEVEN;
APPLICANT: MAERTENS, GEERT; STUVER, LIEVEN;
APPLICANT: MAERTENS, GEERT; STUVER, HUGO
ITILE OF INVENTION: PROCESS FOR TYPING OF HCV
ITILE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: NEW YORK
COUNTRY: USA
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER: 18M PC compatible
COMPUTER: 18M PC compatible
COMPUTER: AND COMPUTER: BN PC COMPAT:
COMPUTER: AND COMPUTER: ASSITEM: PC-DOS/MS-DOS
SOFTWARE ASSITEM: US/O9/378,900A
FILING DATE:
CARRESTON.
                 APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTONENY AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECAX: (212) 661-8000
TELEFAX: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFFCATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LIBRARY: be97
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
LIBRARY: be97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 74
US-09-378-900A-78/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-378-900A-77
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Gaps
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                                                                                                                                                         Length 177;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
66.7%; Score 12; DB 4; Length 177
Best Local Similarity 83.3%; Pred. No. 7.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
                                                                                                                                                      Score 12; DB 4; I
Pred. No. 7.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-011-2001
CLASSIFICATION: cUnknown>
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: cUnknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-4UG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLONE: be82 (also referred to as be99)
POSITION IN GENOWE:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 61:
                                                                                                                                                                                                                       2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
; CLONE: be98
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-378-900A-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-899-044-61/c; Sequence 61, Application US/09899044; Patent No. 6548244; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 61: SEQUENCE CHARACTERISTICS:
                                                                                                                                                   Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
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MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                      26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-899-044-61
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                                                                                                                                                                                                                                                                                                                                                                              Length 177;
                                                                                                                                                                                                                                                                                                                                                                       66.7%; Score 12; DB 4; Length 177
83.3%; Pred. No. 7.4e+02;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-378-900A-80/c
; Sequence 80, Application US/09378900A
; Patent No. 6495670
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVENS, APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATE:
APPLICATION NUMBER: 06/256,568
FILING DATE: 18-UL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 27-NOV-1992
ATORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFOR
                                                                                                                     TOPOLOGY: linear

MOLECULE TYPE: cDNA

IMMEDIAE SOURCE:

CLONE: be96

POSITION IN GENOME:

MAP POSITION: 5' untranslated region
US-09-378-900A-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: ASCII.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     26 GGGCTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: NEW YORK STATE: NEW YORK
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Score 12; DB 4; Length 177; Pred. No. 7.4e+02; 2; Mismatches 0; Indels
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US-09-899-044-69/C
; Sequence 69, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
: ISOLATES
                                                          APPLICANT: MARTENS, GEERT; STUTVER, LIEVEN; ROBLICANT: MASSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: cUnknown-
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: «Unknown-
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 27-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLONE: gbl16
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 68:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 66.7%; Score 12; UB Best Local Similarity 83.3%; Pred. No. 7.4e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
Sequence 68, Application US/09899044 Patent No. 6548244 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                            NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ||||:||:|||
26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-899-044-68
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                                                                                                                                                                                                                                             APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN, ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCY ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/378,900
FILING DATE: <UNKNOWN-
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MAP POSITION: 5' untranslated region seQUENCE DESCRIPTION: SEQ ID NO: 67:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCS/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                            Sequence 67, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                         1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGGUCCUGGAG 12
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POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE
                                                                                                                                  RESULT 78
US-09-899-044-67/c
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US-09-899-044-68/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARRE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-011-2001
CLASSIFICATION: CUNROWN>
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: 10-0193
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 82
US-09-899-044-72/c
; Sequence 72, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; ROSSAU, RUDI, VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLONE: 9b358
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 70:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
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66.7%; Score 12; DB 4; Length 177;
Best Local Similarity 83.3%; Pred. No. 7.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                    STATE: New John
COMPUTER, USA
ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPES: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: -Unknown>
PRIOR APPLICATION NUMBER: US/09/899,044
FILING DATE: GE-NOV-1993
APPLICATION NUMBER: BP/93/402,129.6
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: BP/93/403,222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 27-NOV-1993
ATTORNEY/AGENT INFORMATION:
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
TELEPHONE: CLARACTERISTICS:
TELEPHONE: LANGER DATES
TELEPHONE: (212) 661-8000
TELEPHONE: LANGER DATES
TELEPHONE: LA
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NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MAP POSITION: 5' untranslated region sequence DESCRIPTION: SEQ ID NO: 69: US-09-899-044-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 70, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26 GGGGTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLONE: gb569
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-899-044-70/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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Patent No. 6548244
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORN:
MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-JJ1-2001
CLASSIFICATION: UNKNOWN>
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: 4ChKNOWN>
APPLICATION NUMBER: 09/378,900
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLONE: cam736
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 73:
                        ATTORNEY AGENT INFORMATION:

NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
TELEPRONCE DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 73
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Mismatches
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ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (212) 661-80
TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 66.7
Best Local Similarity 83.3
Matches 10, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IMMEDIATE SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 84
US-09-899-044-74/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-899-044-73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCY ISOLATES
                    PELLOCATION NUMBER: 09/378,900
FILING DATE: cubknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,120.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; SEQUENCE DESCRIPTION: 5' untranslated region ; SEQUENCE DESCRIPTION: SEQ ID NO: 72: US-09-899-044-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Rloppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT ASCII
CURRENT APPLICATION DATA:
FILING DATE: 06-Jul-2001
CLASSIFICATION: <university contents of the cont
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CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & WUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-899-044-73/c
; Sequence 73, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IMMEDIATE SOURCE
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                                                                                                                                   Length 177;
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI, VAN HEUVERSWIN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIPICATION: CURNOWN>
PRIOR APPLICATION AURHOWN>
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: CUNKNOWN>
APPLICATION NUMBER: PCY/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
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Pred. No. 7.4e+02;
                                                                                                                                66.7%; Score 12; DB 4; 183.3%; Pred. No. 7.4e+02; tive 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             untranslated region
SEQ ID NO: 76:
CLONE: 9b487
POSITION IN GENOWE:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 75:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
RECISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                         Sequence 76, Application US/09899044; Patent No. 6548244; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGIH: 177 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 76: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MAP POSITION: 5' SEQUENCE DESCRIPTION: 1' US-09-899-044-76
                                                                                                                              Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: NEW YORK COUNTRY: USA
                                                                                                                                                                                                                        1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLONE: gb724
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                        US-09-899-044-76/c
                             ; POSITION
; MAP
; SEQUENCE
US-09-899-044-75
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83.3%; Pred. No. 7.4e+02;
ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-011-2001
CLASSIFICATION: cUnknown>
PRIOR APPLICATION WHORER: 09/378,900
FILING DATE: cUnknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-ANG-1993
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 37-NOV-1992
APPLICATION NUMBER: EF/93/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSEBLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
TELECOMMUNICATION:
                                                                                                                                                                                                                        MAP POSITION: 5' untranslated region SEQUENCE DESCRIPTION: SEQ ID NO: 74:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPREATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (212) 661-8000
  INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 75, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                             26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                    1 GGGGUCCUGGAG 12
                                                                                                                                                                                 CLONE: gb809
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 10016
                                                                                                                                                            IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-899-044-75/c
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                      Sequence 78, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN; ROLL, VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 09/378,900
FILING DATE: «Unknown»
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLONE: be95

POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-09-044-78
                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 79, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 78
                                                                                                                                                                     NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                               STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (212)
                                                                                                                                                                                                                                                           CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 89
US-09-899-044-79/c
    US-09-899-044-78/c
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      Gaps
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Pred. No. 7.4e+02;
2; Mismatches 0; Indels
    Indels
                                                                                                                                                                                                                                                       APPLICANT: MAERTENS, GEERT, STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: «UNKNOM:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 27-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     untranslated region
SEQ ID NO: 77:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Rloppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-U11-2001
CLASSIFICATION: <Unknown>
    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
                                                                                                                                                                                       Sequence 77, Application US/09899044 Patent No. 6548244 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 77: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MAP POSITION: 5'
SEQUENCE DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3
Matches 10; Conservative
10; Conservative
                                            1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                     US-09-899-044-77/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-899-044-77
  Matches
                                                                                                                                                 RESULT 87
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COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBW PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: 07/8000
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: PC/93/402,129.6
FILING DATE: 31-A0C-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-A0C-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-A0C-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-A0C-1993
APPLICATION NUMBER: 19/683
REPERBNCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8002
INFORMATION: TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: NUCLE: CADA
TOPLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-256-568B-59/C
Sequence 59, Application US/08256568B
Fatent No. 5846704
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN,
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: ADDRESSE:
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.7%; Score 12; DB 4; Le 83.3%; Pred. No. 7.4e+02; tive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLONE: be98
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 80:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-JUL-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-899-044-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ð
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                     COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION NUMBER: US/09/099,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: C-Jul-2001
APPLICATION NUMBER: 09/378,900
FILING DATE: 2-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AMG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AMG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AMG-1993
APPLICATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/OCKET NUMBER: 19,683
REFERENCE/OFKET NUMBER: 19,683
REPRENCE/OFKET NUMBER: 19,683
REFERENCE/OFKET NUMBER: 19,683
REPRENCE/OFKET NUMBER: 19,683
RESERVENCE/OFKET NUMBER: 19,683
RESERVENCE/OFFT NUMBER: 19,683
RESERVENCE/OFFT NUMBER: 19,683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN; ROSSAU, RUDI, VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    / Match 66.7%; Score 12; DB 4; I Local Similarity 83.3%; Pred. No. 7.4e+02; nes 10; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      POSITION IN GENOME:

MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 79:
US-09-899-044-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSES: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
                                                       CORRESPONDENCE ADDRESS:
ADDRESSE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 80, Application US/09899044 Patent No. 6548244 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                              NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
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US-09-899-044-80/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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Matches
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RESULT 93
US-09-038-169B-59/C
; Sequence 59, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 12; DB 2; Dred. No. 7.4e+02; 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION DATA:
CLASSIFICATION DATA:
PRIOR APPLICATION NDMER: 08/256,568
FILING DATE: 18-UTL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA: 40-1993
PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATE: BP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIDR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTONNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                   CLONE: gb549
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                         ATTORNEY AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION UNMBER: 19,6813
REFERENCE/DOCKET NUMBER: 410.0
TELECOMMUNICATION INFORMATION:
TELEFORM: (212) 661-8000
TELEFAX: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 83.33,
-148 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-256-568B-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-256-568B-71/C

Sequence 71, Application US/08256568B

Patent No. 5846704

GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUD1; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK

COUNTRY: USA
CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA: PCT/EP93/03325
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA: BP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEFAN: (212) 661-8002
TELEFAN: (212) 661-8002
TELEFAN: (121) 661-8002
TELEFAN: (121) 661-8002
TELEFAN: INFORMATION SEQUENCE CHARACTERISTICS:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,568B
FILING DATE: 18-UL-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    POSITION IN GENOME: MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: CDN
IMMEDIATE SOURCE:
CLONE: bul74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-256-568B-59
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Gaps

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Length 178; 0; Indels Gaps

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Sequence 59, Application US/09378900A

Patent No. 6495670

GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
TITLE OF INVENTION: ISOLATES
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                              Query Match
66.7%; Score 12; DB 3; Best Local Similarity 83.3%; Pred. No. 7.4e+02; Matches 10; Conservative 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILING DATE:
CLASSIPICATION:
PRICK APPLICATION:
PRICK APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 31-JUC-1993
PRICK APPLICATION DATA:
APPLICATION NUMBER: BP/93/402,129.6
FILING DATE: 31-AUG-1993
PRICK APPLICATION DATE: BP/92/403,222.0
FILING DATE: 31-AUG-1993
PRICK APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 31-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMINICATION INFORMATION:
TELEFRA: (212) 661-8002
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 178 base pairs
LENGTH: 178 base pairs
TYPE: NUCLEIC acid
STRANDEDNESS: SINGLE
                             IMMEDIATE SOURCE:
CLONE: 9bs49
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-038-369B-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: bu74
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-378-900A-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPALIDLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 600 THIRD AVENUE CITY: NEW YORK STATE: NEW YORK COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 11016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                     26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                 1 GGGGUCCUGGAG 12
MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: MAETENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI: VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
INTER OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PILING DALE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSELLIAN
REGISTRATION NUMBER: 19.683
REFERENCE/DOCKET NUMBER: 19.683
REFERE
                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: bu74
POSITION: N GENOME:
MAP POSITION: 5' untranslated region
US-09-038-369B-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,369B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 94
US-09-038-369B-71/c
Sequence 71, Application US/09038369B
; Patent No. 6171784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 59
SEQUENCE CHARACTERISTICS:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
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ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                          APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN,
                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                      RESULT 97
US-09-899-044-59/c
; Sequence 59, Application US/09899044
; Patent No. 6548244
; GENERAL INFORMATION:
                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                 STATE: NEW YORK
                                                                                                                                                                                                                                                                                                              CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 98
US-09-899-044-71/c
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Matches
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Score 12; DB 4; Length 178; Pred. No. 7.4e+02; 2; Mismatches 0; Indels
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                                                                                                                                                                                           WESULI 30
US-004-378-900A-71/C
i Sequence 71, Application US/09378900A
j Sequence 71, Application US/09378900A
j GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION DATA:

FILING DATE: 18-UL-1994

APPLICATION NUMBER: PCT/EP93/03325

FILING DATE: 26-NOV-1993

PRIOR APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 31-AUG-1993

PRIOR APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 31-AUG-1993

PRIOR APPLICATION NUMBER: EP/92/403,222.0

FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: CHARLES A MUSERLIAN

REGISTRATION NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 410.004

TELECOMMUNICATION INFORMATION:

TELEPAX: (212) 661-8000

INFORMATION FOR SEQ ID NO: 71:

SEQUENCE CHARACTERISTICS:

LENGTH: 178 base pairs

STRANDENDES: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLONE: gb549
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
  66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                   Best Local Similarity 83.3
Matches 10; Conservative
                                                                                1 GGGGUCCUGGAG 12
                                                                                                        26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-378-900A-71
  Query Match
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66.7%; Score 12; DB 4; Le
83.3%; Pred. No. 7.4e+02;
Live 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
                                                                                                                     CURRENT APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

FILING DATE: 06-011-2001

CLASSIFICATION: «Unknown»

APPLICATION NUMBER: 09/378,900

FILING DATE: «Unknown»

APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 26-NOV-1993

APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 27-NOV-1993

APPLICATION NUMBER: EP/92/403,222.0

FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:

RAFERENCE/DOCKET NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 19,683

TELECOMMUNICATION NUMBER: 19,683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLONE: bu74:
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 59:
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 178 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 71, Application US/09899044; Patent No. 6548244; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity 83.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 51, Application US/08441971

Patent No. 6071693

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPBUTICS
NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 12; DB 3;
Pred. No. 7.4e+02;
2; Mismatches 0
                               COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible Forsion 3.3
OPERATING SYSTEM: Ms-DOS Version 3.3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFCATION: 435
PRICR APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
                                                                                                                                                                                                                                                APPLICATION
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/ACENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
TELEPHOME: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                 C0772/7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CUCKBENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
FLIASTECATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (617)
TELEFAX: EZEKIEL
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
TANATH: 180 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34 GGGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Boston
STATE: Massachusetts
COINTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
US-08-441-971-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 100
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                                                                                                                                                                                COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: CURROWN>
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: CURROWN>
APPLICATION NUMBER: PS/93/402,129.6
FILING DATE: 2-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-NOV-1992
ATTORNEY AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEPAX: (212) 661-8000
TELEFAX: (212) 661-8000
TELEFAX: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Tal-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLf, Greenfield & Sacks, P.C.
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLONE: 9b549
POSITION IN GENOWE:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 71:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue
                                                                            CORRESPONDENCE ADDRESS:
ADDRESSER: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 50, Application US/08441971 Patent No. 6071693
                                        ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 178 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 83.33
Matches 10, Conservative
                                                                                                                                                               STATE: NEW YORK COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26 GGGGTCCTGGAG 15
                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Massachusetts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-441-971-50/c
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Gaps
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0
                                                                                                                                                                                                                                                             Length 180;
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                                                                                                                                                                                                                                    Score 12; DB 3; Length 180
Pred. No. 7.48+02;
O. Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7%; Score 12; DB 3; Length 186
Best Local Similarity 83.3%; Pred. No. 7.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER REALDABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE:
APPLICATION NUMBER: 07/697,000
FILING DATE: Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELEPRANICATION INFORMATION:
TELEPRANICATION INFORMATION:
TELEPRANICATION INFORMATION:
TELEPRANICATION INFORMATION:
TELEPRANICATION INFORMATION:
TELEPRANICATION INFORMATION:
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                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                TOPOLOGY: linear

MOLECULE TYPE: DNA

ORIGINAL SOURCE:

INDIVIDUAL ISOLATE: 8a3

US-08-221-653-50
LENGTH: 180 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 180 nucleotides
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: sa4
                                                                                                                                                                                                                                                                                                                                                                                   1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                              34 GGGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GGGGUCCUGGAG 12
                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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Pred. No. 7.4e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
            APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
FEFFERENCE/DOCKET NUMBER: 20,809
FEFFERENCE/DOCK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 50, Application US/08221653
Patent No. 6190864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C077;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7%;
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INDIVIDUAL ISOLATE: 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   34 GGGTCCTGGAG 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 600 Atlantic
CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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US-08-221-653-50/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-441-971-51
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66.7%; Score 12; DB 3; Length 180; 83.3%; Pred. No. 7.48+02; arive 2; Mismatches 0; Indels
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US-08-441-970-50/c
; Sequence 50, Application US/08441970
; Parent No. 6297370
; GENERAL INFORMATION:
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
; TITLE OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; CORRESPONDENCE ADDRESS:
; ANDRESSEE: Wolf, Greenfield & Sacks, P.C.
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
                                                                                                                                                                           COUNTRY: CALLIDITION

ZIP: 94c08-2916

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: Windows NT
SOFTWARE: MICTOSOFT WORD
SOFTWARE: MICTOSOFT WORD
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRICE APPLICATION: 435
PRICE APPLICATION: 1994
ATTONNEY, AGENT INFORMATION:
NAME: DOTOR YAKO TRUÍILO
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: 35,719
REFERENCE/DOCKET NUMBER: 35,719
TELECOMMUNICATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,970
                                                                                           ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 5
SEQUEBNCE CHARACTERISTICS:
LENGTH: 180 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
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CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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83.3%; Pred. No. 7.4e+02;
ive 2; Mismatches 0; Indels
                                                                                                GENERAL INFORMATION:

APPLICANT: Tal-An Cha
APPLICANT: Elleen Beall
APPLICANT: Bruce Irvine
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
CITY: Bruce Irvine
CITY: Bruce Irvine
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,144A
FILING DATE: MAY 16, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATE: MAY 16, 1995
FILING DATE: MAY 16, 1994
ATTORNEY/AGENT INFORMATION:
NAME: DOTEEN TARGET 35,719
REGISTRATION NUMBER: 35,719
REGISTRATION NUMBER: 35,719
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CHIR-0121
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-442-144A-50/c
; Sequence 50, Application US/08442144A
; Patent No. 6214583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 Inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows NT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 50: SEQUENCE CHARACTERISTICS: LENGTH: 180 Nucleotides TYPE: Nucleic Actid STRANDEDNESS: Single TOPOLOGY: Linear MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE: sa3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 83.3
Matches 10, Conservative
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           34 GGGGTCCTGGAG 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 46, Application US/08634797
Patent No. 581759
GENERAL INFORMATION:
APPLICANT: WEINER, AMY J.
TITLE OF INVENTION: HETERODUPLEX TRACKING ASSAY (HTA) FOR TITLE OF INVENTION: GENOTYPING HCV NUMBER OF SEQUENCES: 52.
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 194;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOCTIANE: PAETENT Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/634,797
FILING DATE: 19-APR-1996
CLASSIFICATION: 435
ATTORNEY/AGRNT INFORMATION:
NAME: Harbin, Alisa A.
REGISTRATION NUMBER: 33,895
REFERENCE/DOCKET NUMBER: 1226.001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7%; Score 12; DB 2; Le:
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 10; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Chiron Corporation
4560 Horton Street - R440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                               SEQUENCE CHARACTERISTICS:
LENGTH: 180 nucleotides
                                                                                                                                                                                                                                              ; INDIVIDUAL ISOLATE: sa4
US-08-441-970-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 194 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                 INFORMATION FOR SEC ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                34 GGGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGGUCCUGGAG 12
                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Emeryville
STATE: California
COUNTRY: USA
                                                                                                                                                                                      MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N/A
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US-08-634-797-47/c
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Pred. No. 7.4e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-41-970-51/c

Sequence 51, Application US/08441970

Patent No. 6297370

GENERAL TAI-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
FILING DATE: 16-FM1.....
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/891,528
FILING DATE: 08-MAY-1992
APPLICATION NUMBER: 07/697,326
FILING DATE: 08-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
FREGTSTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
TELEFORMUNICATION INFORMATION:
TELEFORMUNICATION INFORMATION:
TELEFORM: (617) 720-2441
TELEFAX: 617) 720-2441
TELEFAX: 617) 720-2441
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGYMATION FOR SEQ ID NO: 50:
SEQUENCE TRANCE CHARACTERISTICS:
LENGYMATION FOR SEQ ID NO: 50:
SEQUENCE TYPE: DNA
ORIGINAL SOURCE:
NOLIGINAL SOURCE:
NOLIGINAL ISOLATE: SA3
US-08-441-970-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTR: USA

COUNTER READABLE FORM:

COMPUTER READABLE FORM:

COMPUTER: IBM compatible

OPERATING SYSTEM: MS-DOS Version 3.3

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/41,970

FILING DATE: IB-MAY-1995

CLASSIFICATION DATA:

PRICA APPLICATION DATA:

PRICA APPLICATION DATA:

PRICA APPLICATION OF 3.6

FILING DATE: 08-MAY-1992

APPLICATION NUMBER: 07/697,326

FILING DATE: 08-MAY-1991

APPLICATION NUMBER: 07/697,326

FILING DATE: 08 MAY 1991

APPLICATION NUMBER: 07/697,326

FILING DATE: 08 MAY 1991

APPLICATION NUMBER: 07/697,326

FILING DATE: 07/697,326

FILING DATE: 08-MAY-1992

APPLICATION NUMBER: 07/697,326

FILING DATE: 07/1001

FREFERENCE/DOCKET NUMBER: C7772/7000

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Boston
STATE: Massachusetts
COUNTRY: USA
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Sequence 29549, Application US/09513999C
; Sequence 29549, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Duclert, A.
; APPLICANT: Duclert, A.
; APPLICANT: Duclert, A.
; APPLICANT: Glordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.U82.REG
; CURRENT FILING DATE: 200-22-4
; PRIOR PILING DATE: 1999-02-26
; NUMBER OF FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 29549
; LENGTH: 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MS-09-270-767-28457/C

Sequence 28457, Application US/09270767

Patent No. 5703491

SEREAL INFORMATION:
APPLICANT: Homburger et al.
TILLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster.
TILLE OF INVENTION: NUCLEIC STATE OF THE PREPERBNCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

NUMBER OF SEQ ID NOS: 62517

SOFTWARR: PATENTING PATE: 1999-03-17

SOFTWARR: PATENTING PATE: 1009-03-17

SOFTWARR: PATENTING PATE: 1009-03-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 194;
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83.3%; Pred. No. 7.3e+02;
No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ouery Match
66.7%; Score 12; DB 2; 1
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 10; Conservative 2; Mismatches 0;
                                                                                                                     REFERENCE/DOCKET NUMBER: 1226.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-3274
TELEPAX: (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-28457
                      ATTORNEY/AGENT INFORMATION:
NAME: Harbin, Alisa A.
REGISTRATION NUMBER: 33,895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                            TELEX: N/A
INFORMATION FOR SEQ ID NO: 46
SEQUENCE CHARACTERISTICS:
LENGTH: 194 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 83.3
Matches 10; Conservative
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CLASSIFICATION: 435
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US-09-513-999C-29549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-634-797-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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Sequence 48, Application US/08634797;
Patent No. 5851759
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: HETERODUPLEX TRACKING ASSAY (HTA) FOR TITLE OF INVENTION: GENOTYPING HCV
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSE: Chiron Corporation
STREET: 4560 Horton Street - R440
STREET: 4560 Horton Street - R440
STREET: ADDRESS:
STREET: ADDRESS:
CONTACT - CONTACT
                              GENERAL INFORMATION:
APPLICANT: WEINER,
ANY J.
TITLE OF INVENTION: GENOTYPING HCV
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street - R440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 66.7%; Score 12; DB 2; Length 194; Best Local Similarity 83.3%; Pred. No. 7.3e+02; Matches 10; Conservative 2; Mismatches 0: Indels
                                                                                                                                                                                                                                                                                                                                                   SIREEL: SUST MOLTON SCIENT - F440
CITY: EMERYVILLE
STATE: California
COUNTRY: USA
ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/634,797
FILING DATE: 19-APR-1996
CLASSIFICATION NUMBER: 33,895
REGISTRATION NUMBER: 33,895
REGISTRATION NUMBER: 33,895
REGISTRATION INFORMATION:
TELECOMMULICATION (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/634,797
FILING DATE: 19-APR-1996
47, Application US/08634797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           47:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEO ID NO: 47
SEQUENCE CHARACTERISTICS:
LENGTH: 194 base pairs
TYPE: nucleic acid.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 109
US-08-634-797-48/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-634-797-47
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           Sequence
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APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid TITLE OF INVENTION: Structure Probing NUMBER OF SEQUENCES: 38 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 12; DB 3; Length 232;
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                               COMPOURER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
                                                                                                                                             ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 37, Application US/08851588 ; Patent No. 6214545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE DOCKET NUMBER: FO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM PC compat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linea
                                                                                                                                                                                                                                                  94104
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US-08-851-588-37/c
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                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               g
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                                                                                                                                                                                                                                                                            Sequence 37, Application US/09034205
Fatent No. 6194149
GENERAL INPORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                              Score 12; DB 4; Length 221;
Pred. No. 7.3e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               66.7%; Score 12; DB 3; Length 232; 83.3%; Pred. No. 7.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 220 MONIGOMETY Street, Suite 2200 STATE: CA Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 113
US-08-934-097A-37/c
; Sequence 37, Application US/08934097A
; Patent No. 62108910N;
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                            Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                             1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10; Conservative
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47 GGGTCCTGGAG 36
ORGANISM: Homo sapiens
US-09-513-999C-29549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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Matches 10; Conserv
                                                                                                                                                                                                                                                                      US-09-034-205-37/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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Gaps

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APPLICANT: Prudent, James
APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TILE REPERENCE: FORS-04012
FILE RE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Bros, Lance
APPLICANT: Ners, Lance
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
TITLE OF INVENTION: OLIGONUCLEOTIDES
TITLE OF INVENTION: OLIGONUCLEOTIDES
TITLE OF INVENTION NUMBER: US/09/677,192
CURRENT FILING DATE: 2000-10-02
FRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 37
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                                                                                                                                                                                                                                Length 232;
                                                                                                                                                                                                                             Query Match 66.7%; Score 12; DB 3; Length 232 Best Local Similarity 83.3%; Pred. No. 7.2e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 12; DB 3; Length 232
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-677-218B-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-402-618B-37/c
; Sequence 37, Application US/09402618B
; Patent No. 6709815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 37, Application US/09677192
Patent No. 6358691
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 66.7%;
Best Local Similarity 83.3%;
Matches 10; Conservative
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APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Hepatitis C virus US-09-677-192-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-677-192-37/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 37
LENGTH: 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                원
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Brow, Mary Ann D.

Fors, Lance
Neri, Bruce P.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFCATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 232;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66.7%; Score 12; DB 3; Length 232
83.3%; Pred. No. 7.2e+02;
.ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSES:
STREET: 220 MOLEGOMETY Street, Suite 2200
CITY: San Francisco
          Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
                                                                                                                               CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/OCCET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE GRARACTERISTICS:
LENGTH: 232 base pairs
TYPE: nucleic acid
STRANDEDRESS: double
TOPOLOGY: linear
                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 115
US-09-677-218B-37/c
; Sequence 37, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

US-08-851-588-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (415) 705-8410
TELEFAR: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 232 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
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47 GGGTCCTGGAG 36
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Prudent, James R.
Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION 1435
PRIOR APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 32, Application US/09034205
Patent No. 619419
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: TREUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                               STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                66.7%; Score 12; DB 4; Le
83.3%; Pred. No. 7.2e+02;
tive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Ingolia, Diane E. REGISTRATION NUMBER: 40,027
                                                                    APPLICANT: Dong, Fang
Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDLEN & CARROLL, LLP
  Sequence 37, Application US/09676768
Patent No. 6780585
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 232 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-034-205-32/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-676-768-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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MEDIUM TYPE: Floppy disk
COMPUTER: IN PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: CURROWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
                                                                 Length 232;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    66.7%; Score 12; DB 4; Length 232; 83.3%; Pred. No. 7.2e+02; ive 2; Mismatches 0; Indels
                                               Score 12; DB 4; Lengtn 22.
Pred. No. 7.2e+02;
Ored. No. 7.2e+02;
Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: MAKKALSHY, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
                                                                                                              2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                             Sequence 37, Application US/09825574
Patent No. 6709819
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                               Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
; ORGANISM: Hepatitis C virus US-09-402-618B-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                        1 GGGGUCCUGGAG 12
                                                                                                                                                                                  47 GGGTCCTGGAG 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
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Length 232;

STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco

US-09-676-768-37/C

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Gaps
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Sequence 32, Application US/08934097A

Patent No. 6210880

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Fors, Lance

APPLICANT: Fors, Lance

APPLICANT: Ners, Lance

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid

TITLE OF INVENTION: Structure Probing With Structure-Bridging

TITLE OF INVENTION: Oligonucleotides.

TITLE OF SEQUENCES: 51

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDIRESS:

ADDRESSEE: MEDIRESS:

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDIRESS:

ADDRESSEE: MEDIRESSEE:

ADDRESSEE: MEDIRESSE
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                    Length 239;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/934,097A FILING DATE:
                                                                                                                                                                                                                                                                                                                66.7%; Score 12; DB 3; I
83.3%; Pred. No. 7.2e+02;
tive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
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ATTORNEY/AGENT INFORMATION:
NAME: MACKAIGHL, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFACOR: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94104
COMPUTER REARABLE FORM:
CMBDIUM TYPE: Floppy disk
CMBUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
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DESCRIPTION: /desc = "DNA"
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TYPE: nucleic acid
STRANDEDNESS: double
                       SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 83.3
Matches 10; Conservative
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54 GGGTCCTGGAG 43
INFORMATION FOR SEQ ID NO:
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54 GGGTCCTGGAG 43
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US-08-934-097A-32/c
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                                                                                                                                                                                                                                                                                                                       Query Match
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APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCES: 68
CORRESPONDENCES: MEDLEN & CARROLL, LLP
STREET: 220 Montegomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 239;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66.7%; Score 12; DB 3; Length 239
83.3%; Pred. No. 7.2e+02;
.ive 2; Mismatches 0; Indels
                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/034,205 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTY: USA
ZIP: 94.04
ZIP: 94.04

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
ATTORNEY AGENT INFORMATION:
NAME: MACKHIGHL, KAMTIN T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 36, Application US/09034205
Patent No. 6194149
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83...
Best Local 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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US-09-034-205-36/c
                                                               94104
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STATE:
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Gaps
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brudent, James R.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Folymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Mondagomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 12; DB 3; Length 239;
Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0, Indels
                                                     CAPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: Floppy d
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 36, Application US/08851588; Patent No. 6214545; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: FO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 397-8338 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                    94104
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US-08-851-588-36/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
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         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE:
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                                                                                                      GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Fors, Lance

APPLICANT: Neri, Bruce P.

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid

TITLE OF INVENTION: Structure Probing With Structure-Bridging

TITLE OF INVENTION: Oligonucleotides.

NUMBER OF SEQUENCES: 51

CORRESPONDENCE ADDRESS:

ADDRESSEE: MEDIEN & CARROLL, LLP

STREET: 220 Montgomery Street, Suite 2200

CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66.7%; Score 12; DB 3; Length 239; 83.3%; Pred. No. 7.2e+02; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SPETWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
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FILING DATE:
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MACKINGHY, Kamtin T.
REGISTRATION NUMBER: 38,230
REPERENCE/DOCKET NUMBER: 78,230
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
..... nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
RESULT 123
US-08-934-097A-36/c
Sequence 36, Application US/08934097A
; Patent No. 6210880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
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GENERAL INFORMATION:
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Pors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 83.3.
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US-08-851-588-32/c
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STATE:
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Lance
APPLICANT: Fors, Lance
APPLICANT: Neri, Sruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
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                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-06C-2000
CLASSIFCATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-677-218B-36
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MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                               APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                  Sequence 36, Application US/09677218B Patent No. 6355437 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 32, Application US/09677192 ; Patent No. 6358691
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94104
COMPUTER READABLE FORM:
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Best Local Similarity 83.3
Matches 10; Conservative
                        54 GGGGTCCTGGAG 43
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1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COPERATIOG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: OC-0cc-2000
CLASSIFICATION CURNOWN>
PRIOR APPLICATION PATA:
APPLICATION DATE:
APPLICATION DATE:
APPLICATION NUMBER: 09/034,205
FILING DATE: CURNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: MCCASTANTON NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
                                                                                                                                                                                                                                      66.7%; Score 12; DB 3; Length 239; 83.3%; Pred. No. 7.2e+02; ive 2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS. CARROLL, LLP
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-677-218B-32
                                                               LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 32, Application US/09677218B Patent No. 6355437 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 239 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 32:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94104
COMPUTER READABLE FORM:
  (415) 397-8338
                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                        10; Conservative
                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                         GGGGTCCTGGAG 43
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Best Local Similarity
Matches 10; Conserv
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US-09-677-218B-32/c
                                                                                                                                                                                               US-08-851-588-36
  TELEFAX:
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APPLICANT: Fors, Lance
APPLICANT: Nexi, Bruce
APPLICANT: Nexi, Bruce
APPLICANT: Nexi, Bruce
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
FRIOR APPLICATION NUMBER: PCT/US98/03194
FRIOR FILING DATE: 1999-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PATENTIN VERSION 3.0
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Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                        Score 12; DB 4; Length 232,
Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: CA
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Pred. No. 7.2e+02;
2; Mismatches 0,
                                                                                                                                                                                                                                               2; Mismatches
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO 32
LENGTH: 239
                                                                                                                                                                                                                                                                                                                                                                                                            US-09-402-618B-36/c
; Sequence 36, Application US/09402618B
; Patent No. 6709815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 32, Application US/09825574 Patent No. 6709819 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66.7%;
83.3%;
                                                                                                                                                                                                         66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
                                                                                                                                         , ORGANISM: Hepatitis C virus US-09-402-618B-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Hepatitis C virus
                                                                                                                                                                                                         Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Canger Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 36, Application US/09677192

Patent No. 6358691

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
FILE REPERRENCE: FORS.04708

TITLE OF INVENTION: OLIGONUCLEOTIDES
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT PILING DATE: 2000-10-02
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
NUMBER OF SEQ ID NOS: 68
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
          FILE REFERENCE: FORS-04108
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver: 2.0
LENGTH: 239
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2; Mismatches
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  OLIGONUCLEOTIDES
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                                                                                                                                                                                                                                                                                        66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       66.7%;
83.3%;
                                                                                                                                                                                                                          ORGANISM: Hepatitis C virus US-09-677-192-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Hepatitis C virus
US-09-677-192-36
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Best Local Similarity 83.3
Matches 10; Conservative
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Matches 10; Conservative
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54 GGGTCCTGGAG 43
  TITLE OF INVENTION:
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US-09-677-192-36/c
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SEQ ID NO 36
LENGTH: 239
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Gaps

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Indels

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TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: O2-Oct-2000
CLASSIFICATION: 435
PRIOR APPLICATION A35
PRIOR APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-MAy-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                             Length 239;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 4; Le
83.3%; Pred. No. 7.2e+02;
tive 2; Mismatches 0;
           NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENGE/DOCKET NUMBER: FORS-02980
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FORS-02777
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ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECTULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
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REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FOI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Dong, Fang
Lyamichev, Victor I.
Prudent, James R.
Dahlberg, James E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 32, Application US/09676768
Patent No. 6780585
GENERAL INFORMATION:
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                                                                                                                                                   INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: double
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TYPE: nucleic acid
STRANDEDNESS: double
ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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54 GGGGTCCTGGAG 43
                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
Matches 10; Conserv
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US-09-676-768-32/c
                                                                                                                                                                                                                                                                                                                                                                US-09-825-574-36
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TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                   ZIP: 94104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATE:

APPLICATION NUMBER: US/09/825,574

FILING DATE: 03-Apr-2001

CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66.7%; Score 12; DB 4; Length 239; 83.3%; Pred. No. 7.2e+02;
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/934,097

FILING DATE: cUnknown-
ATTORNEY/AGENT INFORMATION:

NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230

REFERENCE/DOCKET NUMBER: FORS-02980

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
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APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECTUE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 36, Application US/09825574
Patent No. 6709819
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                           (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 239 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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54 GGGGTCCTGGAG 43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 10; Conserv;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94104
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US-09-825-574-36/c
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; Sequence 33, Application US/09034205; Patent No. 6194149
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                                                                                                                                                                                                                                                                                                                              USA
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US-09-034-205-38/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTER READABLE FORM:

MEDIUM TYPE: Floppy disk

CCMPUTER: BM PC compatible

CCMPUTER: BM PC compatible

CCMPUTER: BM PC compatible

COMPUTER: BM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/676,768

FILING DATE: 05-000

CLASSIFICATION TAP:

APPLICATION NUMBER: US/08/851,588

FILING DATE: 05-000

ATORNEY/AGENT INFORMATION:

NAME: Ingolia, Diane E.

REGISTRATION NUMBER: 40,027

REFERENCE/DOCKET NUMBER: FORS-02777

TELECOMMUNICATION NUMBER: 61,537

TELECOMMUNICATION NUMBER: 61,537

TELECOMMUNICATION NUMBER: FORS-02777

TELECOMMUNICATION NUMBER: 61,537

TELECOMMUNICATION NUMBER: FORS-02777

TELECOMMUNICATION NUMBER: 61,537

SEQUENCE: CHARACTERISTICS:
                                                                              66.7%; Score 12; DB 4; Length 239; 83.3%; Pred. No. 7.2e+02; Live 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 12; DB 4; Length 239;
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Dong, Fang
Lyamichev, Victor I.
                                                                                                                                                                                                                                                          RESULT 135
US-09-676-768-36/c
Sequence 36, Application US/09676768
Patent No. 6780585
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            Prudent, James R.
Dahlberg, James E.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 239 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 38
                                                                   Cuery Match
Best Local Similarity 83.3'
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Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                               1 GGGGUCCUGGAG 12
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54 GGGGTCCTGGAG 43
                                    US-09-676-768-32
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RESULT 136

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Patent No. 6194149
GENERALI INFORMATION:
APPLICANT: Lyanichev, Victor I.
APPLICANT: Lyanichev, Wary Ann D.
APPLICANT: Pors, Lance
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Service Brow, Mary Ann D.
APPLICANT: Service Brow, Mary Ann D.
APPLICANT: Service Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
ITTLE OF INVENTION: TRRGET-DEPENDENT REACTIONS USING
ITTLE OF INVENTION: TRRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 MONICOMETY SILEEL, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.7%; Score 12; DB 3; Length 240; 83.3%; Pred. No. 7.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/034,205 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10; Conservative
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MEDIUM TYPE: Floppy
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COMPUTER READABLE FORM:
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USA
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Patent No. 6210880
GENERAL INFORMATION:
APPLICANT: Lance
APPLICANT: Fors, Lance
APPLICANT: Brow, Mary Ann D.
APPLICANT: Nerl, Bruce Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
                                                                                                                                                           Length 240;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 240;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
                                                                                                                                                           66.7%; Score 12; DB 3; I
83.3%; Pred. No. 7.2e+02;
vative 2; Mismatches 0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
                                               TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                             Query Match 66.7
Best Local Similarity 83.3
Matches 10, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                           55 GGGTCCTGGAG 44
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                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
         nucleic acid
EDNESS: double
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & (
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                             RESULT 139
US-08-934-097A-38/c
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US-08-851-588-33/c
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                                                                                                                  US-08-934-097A-33
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APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 MONTGOMERY Street, Suite 2200
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83.3%; Pred. No. 7.2e+02;
tive 2; Mismatches 0; Indels
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFCATION:
ATTORNEY/AGENT INFORMATION:
NAMME: MacKanight, Kamiin T.
REGISTRATION NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPAN: (415) 397-838
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
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APPLICATION NUMBER: US/08/934,097A
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San Francisco
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US-08-934-097A-33/c
'Sequence 33, Application US/08934097A
'Patent No. 6210880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MACKNIGH, Kamrin T.
REGISTRATION NUMBER: 38,230
REFRENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 795-8410
INFORMATION FOR SEO ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         240 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10; Conservative
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MEDIUM TYPE: Floppy
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Best Local Similarity
Matches 10; Conserva
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STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 12; DB 3; Length 240;
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
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COMPUTER: IND. PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-OCt-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
                                                                                   CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/851,588

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Ingolia, Diane E.

REGISTRATION NUMBER: 40.027

REFERENCE/DOCKET NUMBER: FORS-02777

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPAX: (415) 705-8410

TELEFAX: (415) 705-8410

TELEFAX: 240 base pairs

SEQUENCE CHARACTERISTICS:

LENGTH: 240 base pairs

TYPE: nucleic acid

STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: «Unknown»
-ATTORNEY/AGENT INFORMATION:
NAME: MacKhight, Kamtin T.
REFISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lyamichev, Victor I.
Brow, Marry Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 33, Application US/09677218B Patent No. 6355437 GENERAL INFORMATION:
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TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
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ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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56 GGGTCCTGGAG 45
     COMPUTER READABLE FORM:
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US-09-677-218B-33/C
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     APPLICANT: Dong, Fang
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudmichev, James R.
APPLICANT: Parlberg, James R.
APPLICANT: Fors, Lance
INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPEDUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSE: AEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
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Patent No. 6214545
GENERAL INFORMATION:
APPLICANT: Dyamichev, Victor I.
APPLICANT: Dyamichev, Victor I.
APPLICANT: Dahlberg, James R.
APPLICANT: Dahlberg, James E.
APPLICANT: Prodent, James E.
APPLICANT: Ports, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF ENVIRONTION: Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 66.7%; Score 12; DB 3; Length 240; Best Local Similarity 83.3%; Pred. No. 7.2e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94104

ZIP: 94104

CMPUTER READABLE FORM:
MEDIUM TYEE Floppy disk
COMPUTER: Floppy disk
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
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STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
TELECHONE: (415) 705-8410
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
Sequence 33, Application US/08851588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & (
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COUNTRY:
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Sequence 33, Application US/09677192;
Sequence 33, Application US/09677192;
Patent No. 6358691
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Nori, Bruce
FILE OF INVENTION: OLIGONUCLEOTIDES
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REPREMENT APPLICATION NUMBER: US/09/677,192
CURRENT APPLICATION NUMBER: US/09/677,192
FRIOR APPLICATION NUMBER: 09/034,205
FRIOR PILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brow, Mary Ann D. APPLICANT: Pors. Lance APPLICANT: Nexi, Lance P. TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING TITLE OF INVENTION: OLIGONUCLEOTIDES FILE REFERENCE: FORS-04708 CURRENT APPLICATION NUMBER: 1200-10-02 PRIOR APPLICATION NUMBER: 09/034,205 PRIOR FILING DATE: 1998-03-03 NUMBER OF SEQ ID NOS: 68
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83.3%; Pred. No. 7.2e+02;
rative 2; Mismatches 0; Indels
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Pred. No. 7.2e+02;
2; Mismatches 0;
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CRGANISM: Hepatitis C virus
US-09-677-192-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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56 GGGTCCTGGAG 45
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1 GGGGUCCUGGAG 12
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Best Local Similarity
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US-09-402-618B-33/c
                                                                                                  RESULT 144
US-09-677-192-33/c
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SEQ ID NO 33
LENGTH: 240
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SEQ ID NO 38
LENGTH: 240
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Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: TRANSPER FORPY

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: PATCHIS PC-DOS/MS-DOS

SOFFWARE: PATCHIS PC-DOS/MS-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/677,218B

FILING DATE: 02-000-000

CLASSIFICATION NUMBER: 09/034,205

PRICA APPLICATION NUMBER: 09/034,205

PRILNE APPLICATION NUMBER: 09/034,205

PRILNE MAGENT INFORMATION:

NAME: MACKINGH, CAMATION:

NAME: MACKINGH, CAMATION:

TELEPHONE: (415) 397-8338

INFORMATION FOR SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%; Score 12; DB 3; Length 240; llarity 83.3%; Pred. No. 7.2e+02; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                         66.7%; Score 12; DB 3; Length 240; 83.3%; Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
          SEQUENCE CHARACTERISTICS:

LENGTH: 240 base pairs

TENGTH: 240 base pairs

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 33:

US-09-677-218B-33
                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-677-218B-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: MEDLEN & CARROLL,
                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 143
US-09-677-218B-38/c
; Sequence 38, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
INFORMATION FOR SEQ ID NO: 33:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                                                            Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                          1 GGGGUCCUGGAG 12
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COUNTRY: USA
ZIP: 94104
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Best Local Similarity
Matches 10; Conserv
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Gaps
                                                                                                                                    TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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Brow, Mary Ann D.
Bross, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIPICATION: cUnknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
                                                                                                                                                                                                          NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 12; DB 4;
Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: NACKAIGHL, KAMTIN T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
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ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
                                             APPLICANT: Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (415) 705-8410
(15) 397-8338
                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence.38, Application US/09825574 Patent No. 6709819 GENERAL INFORMATION:
                                                                        Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 240 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                       CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
  Patent No. 6709819
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-825-574-38/C
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                                                                                                         APPLICANT: Frudent, James
APPLICANT: Fors, Lance
APPLICANT: Pors, Lance
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: PORS-04012
FILE REFERENCE: PORS-04012
FILE REFERENCE: PORS-04012
FILE REFERENCE: PORS-04012
FILE REPERENCE: PORS-04013
FILE REFERENCE: 1998-05-18
FRIOR APPLICATION NUMBER: PCT/US98/03194
FRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Brow, Mary Ann
APPLICANT: Dablberg, James
APPLICANT: Dablberg, James
APPLICANT: Dablberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT APPLICATION NUMBER: US/09/402,618B
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
SEQ ID NO 38
LENGTH: 240
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 12; DB 4; Le:
Pred. No. 7.2e+02;
2; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 38, Application US/09402618B Patent No. 6709815
Sequence 33, Application US/09402618B
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US-09-825-574-33/c
; Sequence 33, Application US/09825574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
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83.3%;
                                                                APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Prudent, James
Fors, Lance
Neri, Bruce
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Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 147
US-09-402-618B-38/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-402-618B-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                Length 240;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: PATEMIN PC-DOS/MS-DOS
SOFTWARE: PATEMIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENČE ADDRESS:
RADIES MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                            Score 12; DB 4; Lei
Pred. No. 7.2e+02;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: FORS-02777 TELECOMMUNICATION INFORMATION:
                                                                                         FORS-02777
                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECTULE TYPE: other mucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
                                       NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FOI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dong, Fang
Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-676-768-38/c
; Sequence 38, Application US/09676768
Patent No. 6780585
; GENERAL INFORMATION:
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                     TELEFAX: (415) 397-8338 INFORMATION FOR SEQ ID NO: 33: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                         LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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55 GGGTCCTGGAG 44
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Dahlberg, James E.
Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 240;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                  COMPUTER: IBM PC_Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery.Street, Suite 2200
                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/934,097
FILING DATE: CUNKNOM:
ATTORNEY/AGENT IRFORMATION:
NAME: MACKLIGHT, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8410
TELEPHONE: (415) 397-8438
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7%; Score 12; DB 4; I Best Local Similarity 83.3%; Pred. No. 7.2e+02; Matches 10; Conservative 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-0ct-2000
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear TOPOLOGY: linear DESCRIPTION: /desc = "DNA" SEQUENCE DESCRIPTION: SEQ ID NO: 38: US-09-825-574-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dong, Fang
Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 33, Application US/09676768 Sequence No. 6780585 GENERAL INFORMATION:
                                                                                           MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 240 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Francisco
STATE: CA
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                                                                      COMPUTER READABLE FORM:
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US-09-676-768-33/c
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TYPE: nucleic
STRANDEDNESS:
TOPOLOGY: line
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US-09-034-205-29/c
                                                                                                                                                                                                                                                                        ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-034-205-26
                                                                                                                                                                                                                                                      COUNTRY:
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                                                                                                                                                                                                                                    STATE:
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Patent No. 591428
GENERAL INFORMATION:
APPLICANT: VIERLING, JOHN M
APPLICANT: VIERLING, JOHN M
TITLE OF INVENTION: DIRECT DETECTION OF HEPATITIS C VIRUS
ITITLE OF INVENTION: DIRECT DETECTION OF HEPATITIS C VIRUS
NUMBER OF SEQUENCES:
ADDRESSED: LYON & LYON
STREET: CALL WEST 6TH STREET
CITY: LOS ANGELS
STATE: CALLFORNIA
                                                                                                Length 240;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.7%; Score 12; DB 2; Length 242; 83.3%; Pred. No. 7.2e+02;
                                                                                                Score 12; DB 4; Length 240
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/335,595
FILING DATE: 08-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION: 435
APPLICATION: UMBER: US/08/175,473
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7.2e+02;
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                    DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 38:
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
APPLICATION NUMBER: US/07/758,862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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NAME: SCHNEIDER, CAROL A
REGISTRATION NUMBER: 34,923
REFERENCE/DOCKET NUMBER: 194/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-489-1600
TELEPHONE: 213-955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , MOLECULE TYPE: DNA (genomic) US-08-335-595-1
                                                                                            Ouery Match 66.7%;
Best Local Similarity 83.3%;
Matches 10; Conservative 2
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                          1 GGGGUCCUGGAG 12
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Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: US
ZIP: 90017
                                                                                                                                                                                                                                                                                        US-08-335-595-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                        US-09-676-768-38
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Sequence 26, Application US/09034205 Patent No. 6194149

US-09-034-205-26/c

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Fatent No. 6194149
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
ITILE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
ITILE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 244;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.7%; Score 12; DB 3; Length 244
83.3%; Pred. No. 7.2e+02; U. marrhes 0; Indels
                 APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Ari, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 MONTEGOMETY Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIPTCATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1: 244 base pairs
nucleic acid
DEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 83..
Matches 10, Conservative
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Sequence 26, Application US/08934097A
Patent No. 6210880
GENERAL INFORMATION:
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Prose, Lance
APPLICANT: Pari, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESCONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ..
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Pred. No. 7.2e+02;
Mismatches 0; Indels
                                                                                                                                           Length 244;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/934,097A

FILING DATE:
                                                                                                                                        66.7%; Score 12; DB 3; 1
83.3%; Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                      2; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFRENCE/DOCKET NUMBER: FORS
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66.7%;
                                             DESCRIPTION: /desc = "DNA'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                  Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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US-08-934-097A-26/c
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US-09-034-205-31
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                                                                                                                                           Query Match
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; Batent No. 6194149
; GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Brow, Lance
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEDE: MEDIEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CURRE CARROLL AND CONTROL CONTRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 244;
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83.3%; Pred. No. 7.2e+02;
ive 2; Mismatches 0; Indels
SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                  CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

US-09-034-205-29
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CLASSIFICATION:
ATTORNEY AGENT INFORMATION:
NAWE: MACKAIGH, KAMTIN T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3'
"**rches 10; Conservative
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US-09-034-205-31/c
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Sequence 26, Application US/08851588

Sequence 26, Application US/08851588

Patent No. 6214545

GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Prudent, James E.
APPLICANT: Fors, Lance
ITILE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 12; DB 3; Length 244;
Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                               Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: CA COUWTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Mismatches
                                                                                                                                                            CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: MacKhight, Kamin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Dianne E.
REGISTRATION NIWHER: 40,027
REFERENCE/DOCKET NUMBER: FOI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION
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83.3%;
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INFORMATION FOR SEQ ID NO: 26
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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55 GGGTCCTGGAG 44
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                                                                                                                                              FILING DATE
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US-08-851-588-26/c
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                                                                               SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-934-097A-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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APPLICANT: Fors, Lance
APPLICANT: Nori, Bruce P.
ITILE CANT: Nori, Bruce P.
ITILE OF INVENTION: Structure Probing With Structure-Bridging
ITILE OF INVENTION: Oligonucleotides.
ITILE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSES: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
CONTRY: USA
ZIP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 158
US-08-934-097A-31/C
US-08-934-097A-31/C
Sequence 31, Application US/08934097A
Patent No. 621080
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
MAPPLICANT: Neri, Bruce P.
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE MEDDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE PATENTING STIEM:

SOFTWARE PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/934,097A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,230

REGISTRATION NUMBER: 38,230

REGISTRATION NUMBER: 39,230

TELEPHONE: (415) 705-8410

TELEPHONE: (415) 705-8318

INFORMATION: FOR SEQ ID NO: 29: SEQUENCE CHARACTERISTICS:

LEMGTH: 244 base pairs

TYPE: nucleic acid

STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                            ZIP: 94104
COMPUTER READABLE FORM:
MEDUIW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTY: 54104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity 83.3
Matches 10; Conservative
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56 GGGTCCTGGAG 45
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STATE:
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                                                                                                                                                                                                                                                                 94104
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 APPLICANT:
                                                                                                                                                                                                                                               COUNTRY:
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APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamicher, James R.
APPLICANT: Prudent, James E.
APPLICANT: Pors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESPONDENCES. 38
CORRESPONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                        66.7%; Score 12; DB 3; Length 244; 83.3%; Pred. No. 7.2e+02; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         66.7%; Score 12; DB 3; Length 244; 83.3%; Pred. No. 7.2e+02;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGT: 244 Base pairs
TERRANDEDNESS: double
other nucleic acid
/desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 31, Application US/08851588 Patent No. 6214545 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    ; Sequence 29, Application US/08851588 ; Patent No. 6214545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                 10; Conservative
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56 GGGTCCTGGAG 45
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MEDIUM TYPE: Floppy C
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                                                                                            Best Local Similarity
Matches 10; Conserv
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 ; MOLECULE TYPE:
; DESCRIPTION:
US-08-851-588-26
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US-08-851-588-31/c
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US-08-851-588-29/c
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                                                                            Query Match
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TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                          APPLICANT: Lyamichev, Victor I.
APPLICANT: Prudent, James R.
APPLICANT: Darlberg, James R.
APPLICANT: Parlberg, James E.
APPLICANT: Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66.7%; Score 12; DB 3; Length 244; 83.3%; Pred. No. 7.2e+02; Ative 2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
Dong, Fang
Lyamichev, Victor I.
Prudent, James R.
Dahlberg, James E.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: San Francisco
STATE: CA
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
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55 GGGTCCTGGAG 44
                                                                                                                                                                                                                                                         CITY: San Francisco
STATE: CA
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Gaps

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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
FORM, Mary Ann D.
FORM, Lance
Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PPLING DATE: 02-Oct-2000
CLASSIFICATION: <university control of the companies of the control 
                                                                                                                                                                                                                                                                                                                                                              Score 12; DB 3; Length 244; Pred. No. 7.2e+02; Mismatches 0; Indels
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ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%; Score 12; DB 3; Le 83.3%; Pred. No. 7.2e+02; tive 2; Mismatches 0;
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NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-677-218B-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DESCRIPTION: /desc = "DNA"
SEQUENCE. DESCRIPTION: SEQ ID NO: 31:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 31, Application US/09677218B Patent No. 6355437
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3: (415) 705-8410
(415) 397-8338
                               SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
STATE: CA
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COMPUTER READABLE FORM:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.3*
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COURENT APPLICATION NAMES: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFCATION NAMES: 09/034,205
FILING DATE: CURROWN>
APPLICATION NUMBER: 09/034,205
FILING DATE: CURROWN>
ATTORNEY/AGENT INPERMATION:
ATTORNEY/AGENT INPERMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 12; DB 3; Length 244;
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
   SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                    CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-0ct-2000
CLASSIFICATION NUMBER: US/09/677,218B
FILING DATE: 02-0ct-2000
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
FILING DATE: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 39,230
REFERENCE/DOCKET NUMBER: 90,230
REFERENCE/DOCKET NUMBER: 90,230
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 39-8338
INFORMATION FOR SEQ 1D NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
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GENERAL INFORMATION:
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TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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US-09-677-218B-29/c
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Length 244;

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Sequence 31, Application US/09677192
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                                                                                                                                         Sequence 26, Application US/09677192

Sequence 26, Application US/09677192

Sequence 26, Application US/09677192

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Brow, Mary Ann D.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING

TITLE OF INVENTION: OLIGONUCLEOTIDES

TITLE OF INVENTION ONDRER: US/09/677,192

CURRENT APPLICATION NUMBER: 09/034,205

PRIOR PLILING DATE: 1998-03-03

NUMBER OF SEQ ID NOS: 68

SOFTWARE: Patentin Ver: 2.0

SEQ ID NO 26

LENGTH: 244
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Patent No. 635691

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Nori, Bruce P.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING

TITLE OF INVENTION: OLIGONUCLEOTIDES

FILE REFERENCE: FORS-04708

CURRENT APPLICATION NUMBER: US/09/677,192

CURRENT PILING DATE: 2000-10-02

PRIOR FILING DATE: 1998-03-03

NUMBER OF SEQ ID NOS: 68

SEQ ID NO 29

LENGTHARE: PATENTIN Ver. 2.0

SEQ ID NO 29
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
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Best Local Similarity 83.3%;
Matches 10; Conservative
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; ORGANISM: Hepatitis C virus
US-09-677-192-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA; ORGANISM: Hepatitis C virus US-09-677-192-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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56 GGGTCCTGGAG 45
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      1 GGGGUCCUGGAG 12
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55 GGGTCCTGGAG 44
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US-09-677-192-26/c
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US-09-677-192-29/c
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RESULT 167 US-09-677-192-31/c

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US-09-402-618B-26/c

J. Sequence 26, Application US/09402618B

Sequence 26, Application US/09402618B

Sequence 26, Application US/09402618B

Sequence 26, Application US/09402618B

Sequence 26, Application US/0915

APPLICANT: Dang, Fana

APPLICANT: Fors, Lance

APPLICANT: Brow, Mary Ann

APPLICANT: Anderson, Todd

APPLICANT: Dahlberg, James

APPLICANT: Dahlberg, James

TILE REFERENCE: FORS-04012

CURRENT APPLICATION NUMBER: US/09/402,618B

CURRENT FILING DATE: 1200-07-18

PRIOR APPLICATION NUMBER: PCT/US98/03194

PRIOR APPLICATION NUMBER: PCT/US98-03194

SPRIOR APPLICATION NUMBER: PCT/US98-03194
perguence 34, Application 05/090/1192

percent No. 6358691

GENERAL INFORMATION:

APPLICANT: Lyamichev, Victor I.

APPLICANT: Lyamichev, Victor I.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Brow, Mary Ann D.

APPLICANT: Fors, Lance P.

TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING;

TITLE OF INVENTION: OLIGONUCLEOTIDES

TITLE OF INVENTION: OLIGONUCLEOTIDES

FILE REFERENCE: FORS-04708

CURRENT APPLICATION NUMBER: US/09/677,192

PRIOR APPLICATION NUMBER: US/03/4,205

PRIOR FILING DATE: 1998-03-03

NUMBER OF SEQ ID NOS: 68

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 31

LENGTH: 244
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Pred. No. 7.2e+02;
2; Mismatches 0;
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US-09-402-618B-29/c
; Sequence 29, Application US/09402618B
; Septent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA; ORGANISM: Hepatitis C virus
US-09-677-192-31
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Best Local Similarity 83.3
Matches 10; Conservative
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56 GGGTCCTGGAG 45
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Best Local Similarity
Matches 10; Conserv
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APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Neri, Bruce
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target Dependent Reactions Using Structure-Bridging Oligonucleot
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
PRIOR PRICATION NUMBER: PCT/US98/03194
RRICH FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
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Pred. No. 7.2e+02;
2; Mismatches 0;
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Pred. No. 7.2e+02
2; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 128, Application US/09402618B; Patent No. 6709815; GENERAL INFORMATION: APPLICANT: Dong, Fang; APPLICANT: Lyamichev, Victor APPLICANT: Prudent, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 127, Application US/09402618B Patent No. 6709815
                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.0
SEQ ID NO 124
LENGTH: 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
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Best Local Similarity 83.3%;
Matches 10; Conservative
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APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-09-402-618B-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Fors, Lance
Neri, Bruce
Brow, Mary Ann
Anderson, Todd
Dahlberg, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Hepatitis C virus US-09-402-618B-127
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Best Local Similarity 83.3
Matches 10; Conservative
    Prudent, James
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US-09-402-618B-128
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LENGTH: 244
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                                                           APPLICANT: Brow, MATY Ann APPLICANT: Brow, MATY Ann APPLICANT: Anderson, Todd APPLICANT: Anderson, Todd APPLICANT: Dahlberg, James TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti FILE REFERENCE: FORS-04012 CURRENT APPLICATION NUMBER: US/09/402,618B CURRENT FILING DATE: 2000-07-18 PRIOR PRIOR APPLICATION NUMBER: PCT/US98/03194 PRIOR FILING DATE: 1998-05-05 NUMBER OF SEQ ID NOS: 128 SOFTWARE: PATENTIN version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Prudent, James
APPLICANT: Frudent, James
APPLICANT: Fore, Lance
APPLICANT: Bruce
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Todd
APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TILE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE FORES-04012
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: US/09/402,618B
PRIOR APPLICATION NUMBER: CT/US98/03194
PRIOR PILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SEQ ID NOS: 128
SEQ ID NOS: 314
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
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Pred. No. 7.2e+02;
2, Mismatches 0, Indels
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; Sequence 124, Application US/09402618B
; Patent No. 6709815
; GENERAL INFORMATION:
; APPLICANT: Dong, Fang
; APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-402-618B-31/c; Sequence 31, Application US/09402618B; Patent No. 6709815
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Best Local Similarity 83.3%;
Matches 10; Conservative
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APPLICANT: Lyamichev, Victor
Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Hepatitis C virus
                   Prudent, James
Fors, Lance
Neri, Bruce
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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56 GGGTCCTGGAG 45
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55 GGGTCCTGGAG 44
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                                                                                                                                                                                                                                                                                                         SEQ ID NO 29
LENGTH: 244
                                                       APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPERATING SYSTEM: PC-DOS/MS-DOS
COFFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: Olaknown>
PRIOR APPLICATION: CURNOWN>
PRIOR APPLICATION PATE:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATE:
APPLICATION NUMBER: 08/934,097
FILING DATE: CURNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISCHARTION NUMBER: 38,230
REPERENCE/DOCKET NUMBER: 38,230
TELEFANTY (1415) 705-8410
TELEFAX: (415) 377-8338
                                                                                                    Length 244;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 244;
                                                                                    Score 12; DB 4; Lengtn 247. Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    66.7%; Score 12; DB 4; Length 244
83.3%; Pred. No. 7.2e+02;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

BESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-825-574-29
                DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                              Sequence 29, Application US/09825574; Patent No. 6709819; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 29: SEQUENCE CHARACTERISTICS:
                                                                                                    66.7%;
ilarity 83.3%;
Conservative
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STATE: CA
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COMPUTER READABLE FORM:
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Best Local Similarity 83.3
Matches 10; Conservative
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56 GGGTCCTGGAG 45
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                                                                                                                                                                                            1 GGGGUCCUGGAG 12
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                                                                                                Query Match
Best Local Similarity
Matches 10; Conserv
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US-09-825-574-26
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                APPLICANT: Neri, Bruce
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Brow, Mary Ann
APPLICANT: Anderson, Tood
APPLICANT: Daibberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REPERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
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US-09-825-574-26/c
is Sequence 26, Application US/09825574
is Sequence 26, Application US/09825574
is Patent No. 6709819
is APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
is Brow, Mary Ann D.
is Neri, Bruce P.
is TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
is TITLE OF INVENTION: Structure Probing With Structure-Bridging Oligonucleotides.
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ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BAFTEN: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION ATANAMENTORY
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
CLASSIFICATION: CURKNOWD>
                                                                                                                                                                                                                                                                                                                                                                                                                        Length 244;
                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%; Score 12; DB 4; Length 244
100.0%; Pred. No. 7.2e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco STATE: CA
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FILING DATE: «Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 128
SOFWARE: PatentIn version 3.0
SEQ ID NO 128
LENCTH: 244
                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
CRGANISM: Hepatitis C virus
US-09-402-618B-128
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Matches 12; Conservative
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Query Match
Best Local Similarity
                                                                                         COUNTRY:
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US-09-676-768-29/c
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                                                                                                 APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neri, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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Patent No. 6780585
GENERAL INFORMATION:
APPLICANT: Dong, Fang
Lyamichev, Victor I.
Prudent, James R.
Dahlberg, James E.
Fors, Long. James E.
Fors, Lyamichev Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: Patentin Release #1.0, Version #1.30
SOSTWARE APLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFCATION: «Unknown>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        66.7%; Score 12; DB 4; Length 244; 83.3%; Pred. No. 7.2e+02;
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                                                                                                                                                                                                                                                                                ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SOLID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 31:
                                          Sequence 31, Application US/09825574
Patent No. 6709819
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 83.3
Matches 10; Conservative
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55 GGGTCCTGGAG 44
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                       US-09-825-574-31/C
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US-09-676-768-26/c
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RESULT 176
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Gaps
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Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 244;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 12; DB 4; Length 27. Pred. No. 7.28+02;
                                                                                                  COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OCMPUTER: NO SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSES: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02777
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-0ct-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 29, Application US/09676768
Patent No. 6780585
GENERAL INFORMATION:
APPLICANT: Dong, Fang
Lyamichev, Victor I.
Prudent, James R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dahlberg, James E. Fors, Lance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 244 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                66.7%;
                                         CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGGUCCUGGAG 12
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COUNTRY: USA
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Gaps
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                                                                                                                                                                      Length 244;
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                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 33, Application US/08441971
Patent No. 6071693
GENERAL INFORMATION:
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7%; Score 12; DB 3; 1
Best Local Similarity 83.3%; Pred. No. 7.2e+02;
Matches 10; Conservative 2; Mismatches 0;
                                                                                                                                                                      66.7%; Score 12; DB 4; I
83.3%; Pred. No. 7.2e+02;
tive 2; Mismatches 0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: Wordberfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRICR APPLICATION: 435
PRICR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Janiuk, Anthony J.
REGISTRATION UNDBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEBAN: (617) 720-2441
TELERAX: (617) 720-2441
INFORMATION FOR SEQ ID NO. 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                      TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 31:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: APPLICATION NUMBER: US/07/881,528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (ATCC # 40394)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       600 Atlantic Avenue
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INDIVIDUAL ISOLATE: hcv1
                                                                                                                                                                      Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               single
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DO ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                         US-08-441-971-33/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                               US-09-676-768-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-441-971-33
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Lyamachev, James R.

Dahlberg, James E.

Fors, Lance

TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPER: RIOPRY

MEDIUM TYPER: RIOPRY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/09/676,768

FILING DATE: 02-Oct-2000

CLASSIFICATION 1435

PRIOR APPLICATION NUMBER: US/08/851,588

FILING DATE: 05-May-1997

ATTORNEY/AGENT INFORMATION:

NAME: Ingolia, Diane E.

REGISTRATION NUMBER: 40,027

REGISTRATION NUMBER: 90,027

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%; Score 12; DB 4; Length 244; 83.3%; Pred. No. 7.2e+02; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
RADIES MEDIES & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
             PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTATION WUMBER: 40,027
REFERENCE/DOCKET NUMBER: 40,027
TELECOMMUNICATION INFORMATION:
TELEFRANCE/ 15) 397-8338
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 base pairs
TYPE: nucleic acid
STRANDENESS: double
                                                                                                                                                                                                                                                                                                                                                  TOPOLGGY: linear
MOLECTULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (415) 705-8410
TELEFAX: (415) 37-8338
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE_CHARACTERISTICS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 31, Application US/09676768
Patent No. 6780588
GENERAL INFORMATION:
APPLICANT: Dong, Fang
    CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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56 GGGTCCTGGAG 45
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US-09-676-768-31/c
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Pred. No. 7.2e+02;
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Sequence 36, Application US/08441971

Sequence 36, Application US/08441971

Patent No. 6071630:

APPLICANT: Tai.An Cha

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue
                        ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue CITY: Boston
                                                                                         STATE: Massachusetts
COUNTRY: USA
ZIP: 0221
COUNTRY: USA
ZIP: 0221
COUNTRY: USA
ZIP: 0221
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/41,971
FILING DATE: 16 MAY-1995
RICASSIFICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE: WAY 1991
APPLICATION NUMBER: US/07/881,528
FILING DATE: MAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REBERENCE/DOCKET NUMBER: C0772/7000
TELEPRONE: (617) 720-3500
TELEPRANE: (617) 720-3441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-441-971-35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             à
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                             US-08-41-971-34/c

Sequence 34, Application US/08441971

Patent No. 6071693

GENERAL INFORMATION:

APPLICANT: Tai-An Cha

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE S. 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 35, Application US/08441971
Patent No. 6071693
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
                                                                                                                                                                                                                                                                                                                                               STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: Boston
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 16-MAY-1995
CLASSIFICATION NUMBER: US/08/41,971
FILING DATE: 16-MAY-1995
CLASSIFICATION NUMBER: US/08/221,653
FILING DATE: RAPILOS APPLICATION NUMBER: US/08/221,653
FILING DATE: RAPILOS APPLICATION NUMBER: US/07/881,528
FILING DATE: RAPILOS APPLICATION: NAMER: APPLICATION NUMBER: US/07/881,528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C077;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INDIVIDUAL ISOLATE: us5
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Best Local Similarity 83.3
Matches 10; Conservative
34 GGGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-441-971-35/c
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Length 252;
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Patent No. 6071693
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS: ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                           Score 12; DB 3;
Pred. No. 7.2e+02;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/41,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: ATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/891,528
FILING DATE:
APPLICATION NUMBER: US/07/891,528
FILING DATE:
APPLICATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
REGISTRATION NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 720-3500
REFERENCE/DOCKET NUMBER: C0772/7000
                    TELECOMMUNICATION INFORMATION
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: EZEKIEL INFORMATION FOR SEQ ID NO: 38: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                        34 GGGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                             ; INDIVIDUAL ISOLATE:
US-08-441-971-37
                                                                                                                                                                                                                                     MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRb. STREET: 60.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 16-MAY-1995
CLASSIFICATION 1435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/221,653
               FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: 29,809
TELECOMUNICATION INFORMATION:
TELECHONE: (617) 720-3500
                                                                                                                                                                                                                                                                                   C0772/7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/07/881,528
FILING DATE:
PILING DATE:
APPLICATION NUMBER: 07/697,326
    APPLICATION NUMBER: US/08/441,971
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Patent No. 6071693
                                                                                                                                                                                                                                                                                                                                             TELEFAX: (617) 720-2441
TELEX: EZEKKEL
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Janiuk, Anthony J. REGISTRATION NUMBER: 29,809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INDIVIDUAL ISOLATE: sp2
US-08-441-971-36
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STREET: 600.
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
77P: 02210
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Best Local Similarity 83.3'
Matches 10; Conservative
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3: DNA
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ORIGINAL SOURCE:
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Score 12; DB 3; Length 252; Pred. No. 7.2e+02;
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APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Mismatches
                                                                                                                                                                                                                 STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
COMPUTER REABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE: Way 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C072/700f
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                 Sequence 40, Application US/08441971
Patent No. 6071693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%;
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US-08-441-971-40
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TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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ORIGINAL SOURCE:
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                                                     Length 252;
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                   Score 12; DB 3; Length 252
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CALF: 0.2210
COMPUTER REABABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE: WAY 1991
ATTONEY/ARGNT INFORMATION:
NAME: Janiuk, Aathony J.
REGISTRATION NUMBER: 29,809
RESTREME/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEFRAN: (617) 720-2441
                                                                                                                                                                                                                                                     Sequence 39, Application US/08441971
Patent No. 6071693
                                                                                                                                                                                                                                                                                                                                                                                                                     600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                 Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 66.7%;
Best Local Similarity 83.3%;
Matches 10; Conservative
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34 GGGTCCTGGAG 23
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CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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02210
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                                                                                                                                                                                                                 RESULT 186
US-08-441-971-39/c
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US-08-441-971-38
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Boston Massachusetts

RESULT 187

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Gaps
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83.3%; Pred; No. 7.2e+02;
"...marrhes 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 43, Application US/08441971

Patent No. 6071693

GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
ITILE OF INVENTION: DAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEPHONE: (617) 720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: arg2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best_Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
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STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 190
US-08-441-971-43/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-441-971-42
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 42, Application US/08441971
Fatent No. 6071693
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
                                                                                                                                                                        APPLICATION NOTES.

FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE: APPLICATION NUMBER: US/07/881,528
FILING DATE: RMAY 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECHONICATION INFORMATION:
TELEPHONE: (617) 720-2441
TELEFAX: (617) 720-2441
TELEFAX: EZEKTEL
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nuclectides
TYPE: nucleic acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: nac5
US-08-441-971-41
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      Indels
                                                                                                                                                  RESULT 192
US-08-441-971-45/c
i Sequence 45, Application US/08441971
i Sequence 46, Application US/08441971
i Sequence 45, Application US/08441971
i GENERAL INFORMATION:
i APPLICANT: Tai-An Cha
i TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
i NUMBER OF SEQUENCES: 147
i CORRESPONDENCE ADDRESS:
i ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
      ö
      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APFLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTATION NUMBER: 29,809
REPERENCE/DOCKET NUMBER: C0772/700C
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKTEL
INFORMATION FOR SEQ ID NO: 45:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 193
US-08-441-971-49/c
; Sequence 49, Application US/08441971
; Patent No. 6071693
; GENERAL INFORMATION:
APPLICANT: Tai-An Cha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 115
      10; Conservative
                                                  · 1 GGGGUCCUGGAG 12
                                                                           34 GGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 83.3
Matches 10; Conservative
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34 GGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                              Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 02210
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
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Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 44, Application US/08441971
Patent No. 6071693
GENERAL INFORMATION:
APPLICANT: TA1-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Wolf, Greenfield & Sacks, P.C. STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                           2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER LUSA

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: BM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FLING DATE: 16-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/81,528
FILING DATE:
APPLICATION NUMBER: US/07/81,528
FILING DATE:
APPLICATION NUMBER: US/07/87,326
FILING DATE:
APPLICATION NUMBER: US/07/87,7000
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                             66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%;
                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: SP1
                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                    1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 191
US-08-441-971-44/c
                                                                                                                                                                                                    US-08-441-971-43
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 34, Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                            APPLICATION TO BATE:
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMONICATION INFORMATION:
TELEFAX: (617) 720-3500
TELEFAX: (617) 720-2441
TELEFAX: (617) 720-2441
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: IBM compatible
COMPATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
  OPERATING SYSTEM: MS-DOS Version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                       SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                         FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (ATCC # 40394)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            34 GGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA
ORIGINAL SOURCE: (ATC
INDIVIDUAL ISOLATE:
US-08-221-653-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-221-653-34/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 195
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TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 33, Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                            COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,971
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPONE: (617) 720-3500
TELEFAX: (617) 720-2441
TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nuclecides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C0772/7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; INDIVIDUAL ISOLATE: gj61329
US-08-441-971-49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          34 GGGTCCTGGAG 23
                                                                                                                                         CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linea
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Gaps
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Score 12; DB 3; Length 252;
Pred. No. 7.2e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 3; Length 252; 83.3%; Pred. No. 7.2e+02;
                                                                                                                                                                      RESULT 197
US-08-221-653-36/C

Sequence 36, Application US/08221653
Fatent No. 6190864
Fatent No. 6190864
FAPLICANT: Tai-An Cha
TITLE OF INVENTION: HVG GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Boston
CITY: Boston
COUTRY: USA
ZIP: 02210
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER: DIskette, 5.25 inch
COMPUTER: DIskette, 5.25 inch
COMPUTER: DIskette, 5.25 inch
COMPUTER: DISKETTE, 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
CLASSIFICATION ATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/891,528
FILING DATE: 8 May 1991
ATONEY/ABGNT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REBERENCE/DOCKET NUMBER:
TELEPHONE: (617) 720-3500
TELEFAT USELFAT.
TELEFATON NUMBER: C0772/7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 198
US-08-221-653-37/c
; Sequence 37, Application US/08221653
; Patent No. 6190864
; GENERAL INFORMATION:
APPLICANT: Tai-An Cha
  66.78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       252 nucleotides
Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                    1 GGGGUCCUGGAG 12
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Matches 10; Conservative
                                                                                                                         34 GGGTCCTGGAG 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA ORIGINAL SOURCE: INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
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                                                                                                                                                                                                                                                                                                                 66.7%; Score 12; DB 3; Length 252; 83.3%; Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JERONI 1. 10. 6190864

j Sequence 35, Application US/08221653

j Patent No. 6190864

j GENERAL INFORMATION:

APPLICANT: Tai-An Cha

TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR

TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wolf, Greenfield & Sacks, P.C.

STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS VERSION 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                    TELEX:
TELEX:
TELEX:
TELEX:
TELEX:
TELEX:
TELEX:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: us5
US-08-221-653-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: EZEKIEL
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE: CHARACTERISTICS:
LENGTH: 252 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
  TELECOMMUNICATION INFORMATION:
                     TELEPHONE: (617) 720-3500
TELEFAX: (617) 720-2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; INDIVIDUAL ISOLATE: aus1
US-08-221-653-35
                                                                                                                                                                                                                                                                                                                                Best Local Similarity 83.3
Matches 10; Conservative
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34 GGGTCCTGGAG 23
                                                                                                                                                                                                                                                                                                                                                                                                 1 GGGGUCCUGGAG 12
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: USA
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MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
STATE: Massac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       02210
                                         TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 39, Application US/08221653
Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66.7%; Score 12; DB 3; 1
83.3%; Pred. No. 7.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                           FILING DATE:
CCASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
FILING DATE: 8 MAY 1991
ATTORNEY, ACENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/COKET NUMBER: 0772/7000
TELECOMMUNICATION INFORMATION:
TELECHONRE: (617) 720-2441
TELEFAX: (617) 720-2441
TELEFAX: (617) 720-2441
TELEFAX: (617) 720-2460
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nuclectides
TYPE: nuclectides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
APPLICATION NUMBER: 07/697,326
FILING DATE: 8 May 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
REFERENCE/DOCKET NUMBER: C0772/7000
TELECOMMINICATION INFORMATION:
TELEPHONE: (617) 720-3500
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MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/881,528
                                         APPLICATION NUMBER: US/08/221,653
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ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: 121
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Best Local Similarity 83.3
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       CURRENT APPLICATION DATA:
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COUNTRY: USA
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Pred. No. 7.2e+02;
2; Mismatches 0; Indels
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS: CORRESPENDENCE ADDRESS: Referred to the street of the 
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Patent No. 6190864
GENERAL INFORMATION:
APPLICANT: Tai-An Cha
TITLE OF INVENTION: HCV GENOMIC SEQUENCES FOR
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
                                                                                                                                                                                                                                                                                                                        COUNTET USA

ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/221,653
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: WHERE: US/07/881,528
FILING DATE:
APPLICATION NUMBER: US/07/881,528
FILING DATE: 8 May 1991
ATTORNEY AGENT INFORMATION:
NAME: Janiuk, Anthony J.
REGISTRATION NUMBER: 29,809
RECISTRATION NUMBER: 29,809
RECISTRATION NUMBER: 29,809
TELECOMMUNICATION INFORMATION:
TELEFRAN: (617) 720-3500
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS Version 3.3
SOFTWARE: WordPerfect 5.1
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INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 252 nucleotides
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STRANDEDNESS: single
TYPE: TYPE: DNA
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: gm2
US-08-221-653-37
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STATE: Massachusetts
COUNTRY: USA
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STATE: Massachusetts
COUNTRY: USA
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Run on:

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Searched:

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Scoring table:

US-08-887-505B-38 18

score:

Title: Perfect :

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Post-processing: Listing first 1000

Database :

seq length: 0 seq length: 200000000

Minimum DB Maximum DB

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re greater than or equal to the score of the result being printed,
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APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Poter C.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: GO State Street
CITY: Boston
    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PURCHAIN DATE:
PILLING DATE: 06-UTN-1995
ATTORNEY AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 4YZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENNESS: single
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APPLICATION NUMBER: US/08/887,505
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
SOFTWARE: PatentIn Release #
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Best Local Similarity 100.6
Matches 18; Conservative
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USA
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                                                                                                                        Sequence 294, App Sequence 20, Appli Sequence 20, Appli Sequence 214, App Sequence 21315, App Sequence 211, App Sequence 117, App Sequence 117, App Sequence 2165, App Sequence 26, Appli Sequence 651, App Sequence 998, App Sequence 651, App Sequence 998, App Sequence 651, App Sequence 998, App Sequence 998, App Sequence 998, App Sequence 997, App Sequence 998, App Sequen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 19, Appl
Sequence 258, Appl
Sequence 3, Appli
Sequence 14, Appli
Sequence 14, Appl
Sequence 14, Appl
Sequence 5957, Appl
Sequence 675, Appl
Sequence 675, Appl
                                   Sequence 111029,
Sequence 20223, A
Sequence 15, Appl
Sequence 15, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 91
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Sequence 38, Application US/08887505

Publication No. US20020081577A1

GENERAL INFORMATION:

APPLICANT: Kilkuskie, Robert E.

APPLICANT: Frank, Bruce L.

APPLICANT: Goodchild, John

APPLICANT: Wolfe, Jia L.

APPLICANT: Roberts, Peter C.

APPLICANT: Roberts, Peter C.

APPLICANT: Roberts, Peter C.

APPLICANT: Roberts, Polic N.

TITLE OF INVENTION: Helpalitis C VIRUS

NUMBER OF SEQUENCES: 172

CORRESPONDENCE ADDRESS:

ADDRESSE: Hale and DOT LLP

STREET: 60 State Street

CITY: Boston
US-10-027-632-111029
US-10-027-632-111029
US-09-814-353-20223
US-10-648-512-15
US-11-061-626-15
US-09-764-875-294
US-10-066-130-8
US-10-066-130-20
US-10-066-130-20
US-10-0734-801-20
US-10-157-031-414
US-09-984-130-148
US-09-995-23375
US-09-984-130-148
                                                                                                                                                                                                                                                                                                 0.5.10.094.749.7311

0.5.10.094.749.7311

10.5.10.042.160.82

10.5.10.041.319.4

0.5.10.081.319.4

10.5.10.08.873.36.7C.998

10.5.10.28.6.0318.43

10.5.10.28.6.0318.43

10.5.10.28.7.43.6.51

10.5.10.28.7.43.6.31

10.5.10.28.7.43.6.31

10.5.10.28.7.43.6.390

10.5.10.28.7.43.6.390

10.5.10.641.643.258

10.5.10.641.643.258
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US-10-450-763-5957
US-10-723-860-7017
US-10-956-157-675
US-10-287-436A-62
US-10-287-436A-155
US-10-153-668-91
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US-10-117-722-160
US-10-758-846-23
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9999 9993 9995 995

FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995

COMPUTER READABLE FORM: 02109 COUNTRY:

```
Sequence 30, Application US/10008140B
) Publication No. US20030124512A1
) GENERAL INFORMATION:
) APPLICANT: Pharmasset, Ltd.
) APPLICANT: Pharmasset, Ltd.
) APPLICANT: Stuyver ' Lieven
) TITLE OF INVENTION: Simultaneous Quantification of Nucleic Acids in Diseased Cells
) TITLE OF INVENTION: Simultaneous Quantification of Nucleic Acids in Diseased Cells
) TITLE OF INVENTION Simultaneous Quantification of Nucleic Acids in Diseased Cells
) CURRENT PELING DATE: 2001-10-18
) NUMBER OF SEQ ID NOS: 30
) SEQ ID NO 30
) SEQ ID NO 30
) LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 15, DB 15, Length 29, Pred. No. 21, 2, Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             72.2%; Score 13; DB 15; Length 20;
84.6%; Pred. No. 3.7e+02;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: (20)...(20)

CTHER INFORMATION: n=TAMRA modified cytosine
US-10-008-140B-30
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OTHER INFORMATION: n=FAM modified cytosine
                             PRIOR APPLICATION NUMBER: PA 2001 00126
PRIOR FILING DATE: 2001-01-24
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 148
SOFTWARE: Patentin version 3.1
SEQ ID NO 11
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 11805, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature

| LOCATION: (1)..(18)

| OTHER INFORMATION: n is a, c, g or

US-10-053-883-11
                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 86.7%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 27 GTCCTGGAGNNNNN 13
                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 GUCCUGGAGNININN 18
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Best Local Similarity 84.6
Matches 11; Conservative
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| Sequence 10, Application US/10053883
| Publication No. US20030113737A1
| GENERAL INFORMATION:
| APPLICANTE PEDERSEN, Morten Lorentz |
| TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION |
| FILE REFERENCE: PEDERSENA=1A |
| CURRENT APPLICATION NUMBER: US/10/053,883 |
| CURRENT FILING DATE: 2001-01-24 |
| PRIOR APPLICATION NUMBER: PA 2001 00126 |
| PRIOR APPLICATION NUMBER: US 60/267,704 |
| PRIOR PELING DATE: 2001-01-24 |
| PRIOR FILING DATE: 2001-02-12 |
| NUMBER OF SEQ ID NOS: 148 |
| SSC ID NO 10 |
| LENGTH: 29
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Publication No. US20030113737A1
GENERAL INFORMATION:
APPLICANT: PEDERSEN, Morten Lorentz
TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
FILE REFERENCE: PEDERSENA=1A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 18; DB 8; Length 24; 100.0%; Pred. No. 0.37;
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86.7%; Pred. No. 21;
iive 2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                     NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 34,523
RELEPHONE: (617) 526-6000
TELEPAX: (617) 526-5000
TELEPAX: (617) 
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LOCATION: (12)...(29)

COMENTION: (12)...(29)

COMENTION: NFORMATION: n is a, c, g or t

US-10-053-883-10
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ATTORNEY/AGENT INFORMATION:
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Matches 18; Conservative
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Best Local Similarity 86.7
Matches 13, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ANTI-SENSE: YES
US-08-887-505-67
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US-10-053-883-10
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Gaps

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Gaps

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APPLICANT: Aziz, Natasha
APPLICANT: Aziz, Natasha
APPLICANT: Ginburg, Wendy M.
APPLICANT: Ginburg, Wendy M.
APPLICANT: Ginburg, Wendy M.
APPLICANT: Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma Modulators
TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882.0193.NPUS01
CURRENT APPLICATION NUMBER: 00/10/123,860
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR PILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5700
LENGTH: 5132
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LOCATION: (24884)..(25439)
OTHER INFORMATION: "n" at positions 24884 through 25439 can be any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc feature
LOCATION: (7485)..(8927)
OTHER INFORMATION: "n" at positions 7485 through 8927 can be any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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LOCATION: (3122)..(3263)
OTHER INFORMATION: "n" at positions 3122 through 3263 can be any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MONTIS, David
APPLICANT: Brightard, Eric
APPLICANT: Brightard, Eric
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
FILE REFERENCE: A-7111/LNMS/DCF
CURRENT APPLICATION NUMBER: US/09/997,722
CURRENT FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR APPLICATION NUMBER: US 09/746,586
PRIOR APPLICATION NUMBER: US 09/796,586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc feature
LOCATION: (122)...(148)
OTHER INFORMATION: "n" at positions 122 through 148 can be any
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 20; Length 5132; 90;
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Pred. No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) NAME/KEY: misc_feature

: LOCATION: (974)...(1005)

: OTHER INFERMATION: n is a, c, g, or t

US-10-723-860-5700
                  Sequence 5700, Application US/10723860 Publication No. US20040253606A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 193, Application US/09997722 ; Publication No. US20040072154A1 ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        72.2%;
92.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1012 CCTGGAGNNNNNN 1000
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Best Local Similarity 92.3
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Mus musculus
US-10-723-860-5700/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-997-722-193/c
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                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: SIMILAR
LOCATION: (12)...(143)
OTHER INFORMATION: 100% homologous to Homo sapiens Amino acid sequence of a
OTHER INFORMATION: human secreted protein, accession number Y30721, Smith-Waterman Scc
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5790, Application US/10723860

Sequence 5790, Application US/10723860

Publication No. USCO040253606A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alzi, Natesha
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions & TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882.0193.NPUS01
CURRENT FILING DATE: 2003-11-26
PRIOR PRIOR APPLICATION NUMBER: 06/429,739
PRIOR FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5790
LENGTH: 3286
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Pred. No. 1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 418;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13; DB 22;
Pred. No. 1.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
                  CURRENT APPLICATION NUMBER: US/10/450,763
CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: PCT/US01/08631
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/540,217
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR PELING DATE: 2000-03-31
PRIOR PELING DATE: 2000-06-23
PUMBER OF SEQ ID NOS: 60736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; NAME/KEY: misc_feature
; LOCATION: (248)..(271)
; PITER INORMATION: n is a, c, g, or
US-10-723-860-5790
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LOCATION: (1)...(418)
; OTHER INFORMATION: n = a,t,c or US-10-450-763-11805
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92.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 92.5.
Local 2; Conservative
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Best Local Similarity 92.3
Matches 12; Conservative
FILE REFERENCE: 790CIP3/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-723-860-5790/c
                                                                                                                                                                                                                                                                                 SEQ ID NO 11805
LENGTH: 418
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à g RESULT

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APPLICANT: Morris, David W.

TITLE OF INVENTION: No. US20040023267Alel Compositions and Methods in Cancer FILE REPERENCE: 52945200090
CURRENT APPLICATION NUMBER: US/10/394,948
CURRENT FILING DATE: 2003-03-21
PRIOR PRIOR APPLICATION NUMBER: US 60/367,025
PRIOR FILING DATE: 2002-03-21
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              72.2%; Score 13; DB 17; Length 167163; 92.3%; Pred. No. 37; tive 1; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 47, Application US/08887505
Publication No US20020081577A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US2020001577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                  ; Sequence 31, Application US/10394948; Publication No. US20040023267A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: (1)...(167163)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
                                                      59475 CCTGGAGNNNNN 59487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    62041 CCTGGAGNNNNN 62053
                            6 CCUGGAGNNNNNN 18
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Matches 12; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 31
LENGTH: 167163
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                                                                                                                                     RESULT 11
US-10-394-948-31
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LOCATION: (91379)..(91398)
OTHER INFORMATION: "n" at positions 91379 through 91398 can be any base.
                LOCATION: (36036)..(36055)
OTHER INFORMATION: "n" at positions 36036 through 36055 can be any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (90342)..(90361)
OTHER INFORMATION: "n" at positions 90342 through 90361 can be any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (92723)..(92726)
OTHER INFORMATION: "n" at positions 92723 through 92726 can be any base.
                                                                                                                                        base
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                                                                                                                                          any
                                                                                                                                                                                                   LOCATION: (77651). (77670)
OTHER INFORMATION: "n" at positions 77651 through 77670 can be any
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Pred. No. 37;
1; Mismatches 0; Indels 0;
                                                                                   NAME/KEY: misc feature
LOCATION: (46607)..(46729)
OTHER INFORMATION: "n" at positions 46607 through 46729 can be
                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (81264)..(81462)
OTHER INFORMATION: "n" at positions 81264 through 81462 can be
                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc feature
LOCATION: (89156)..(89175)
OTHER INFORMATION: "n" at positions 89156 through 89175 can be
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| Publication No. US20020182586A1
| GENERAL INFORMATION:
| APPLICANT: MORIATION:
| APPLICANT: Engelhard, Eric K.
| TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR TITLE OF INVENTION: NOVEL CANCER; FILE REFERENCE: 52945200122
| CURRENT APPLICATION NUMBER: US/10/087,192
| CURRENT APPLICATION NUMBER: US/09/747,377
| PRIOR FILING DATE: 2002-03-01
| PRIOR PELICATION NUMBER: US 09/747,377
| PRIOR PLILING DATE: 2001-03-02
| PRIOR FILING DATE: 2001-03-02
| NUMBER OF SEQ ID NOS: 2059
| SOFTAME: PastSEQ for Windows Version 4.0
| SEQ ID NO 1015
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Pred. No.
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; OTHER INFORMATION: n = A,T,C or G
US-10-087-192-1015
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Best Local Similarity 92.3%;
Matches 12; Conservative
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Best Local Similarity 92.3%;
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6 CCUGGAGNNNNNN 18
NAME/KEY: misc feature
LOCATION: (36036)..(36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Mus musculus
                                                                                                                                                                                NAME/KEY: misc feature LOCATION: (77651)..(77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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| LOCATION: (1)..(6)

| OTHER INFORMATION: The "n" in the sequence means a or g or

US-10-291-230-43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         66.7%; Score 12; DB 8; Length 12; 100.0%; Pred. No. 1.6e+03; rive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 15; Length 12
91.7%; Pred. No. 1.6e+03;
cive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-291-230-30

US-10-291-230-30

| Bublication No. US20030108939A1
| GENERAL INFORMATION:
| APPLICANT: Ruffner, Duane E.
| APPLICANT: Pierce, Michael L.
| APPLICANT: Chen, Zhidong
| TITLE OF INVENTION: Directed Antisense Libraries
| FILE REFERENCE: T6678.US.A
| CURRENT APPLICATION NUMBER: US/10/291,230
| CURRENT FILING DATE: 2002-11-07
| CURRENT FILING DATE: 2002-11-07
| PRIOR FILING DATE: 1999-03-28
| PRIOR FILING DATE: 1998-03-28
| PRIOR APPLICATION NUMBER: US 60/079,792
| PRIOR PILING DATE: 1998-03-28
| NUMBER OF SEO ID NOS: 50
| SEO ID NO 43
| LEATHR: PatentIn version 3.1
| SEO ID NO 43
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 526-6000
T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 91.7
Matches 11; Conservative
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Matches 12; Conservative
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RESULT 14 US-10-291-249-43/c

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APPLICANT: Haberhausen, Gerd
APPLICANT: Haberhausen, Gerd
APPLICANT: Bartl, Knut
APPLICANT: Bartl, Knut
APPLICANT: O'UM, Henrik
TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS
FILE REFERENCE: 4817/0Q
CURRENT APPLICATION NUMBER: US/10/322,138
CURRENT FILING DATE: 2002-12-17
PRIOR FILING DATE: 2002-11-16
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OF OFFICE OF STATES INFORMATION: Description of Artificial Sequence: probe US-10-322-138-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       66.7%; Score 12; DB 15; Length 12; 91.7%; Pred. No. 1.6e+03; tive 1; Mismatches 0; Indels
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Sequence 43, Application US/10291249
Publication No. US20030119041A1
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Ruffner, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US.B.
CURRENT APPLICATION NUMBER: US/10/291,249
CURRENT FILING DATE: 2002-11-07
PRIOR FILING DATE: 2002-11-07
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin version 3.1
SEQ ID NO 43
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SOFTWARE: PatentIn Version 3.1
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Best Local Similarity 83.3
Matches 10; Conservative
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US-10-322-138-5/c
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LENGTH: 12
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US-09-274-553D-1587

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Sequence 4529, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: 100/1003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SEQ ID NO 4529
LENGTH: 17
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Pred. No. 1.5e+03;
2; Mismatches 0; Indels
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  Length 15;
                                                                                                                                                                                                                                                                                                                               APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatmen!
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFRENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 17
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Score 12; DB 9; Pred. No. 1.5e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ) OTHER INFORMATION: oligonucleotide substrate US-09-740-332-4529
                                                2; Mismatches
                                                                                                                                                                                                                                                             Sequence 26, Application US/09740332; Publication No. US20030125270A1; GENERAL INFORMATION:
66.7%;
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Best Local Similarity 83.3%;
Matches 10; Conservative 5
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ORGANISM: artificial sequence
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ORGANISM: artificial sequence
Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                             1 GGGGUCCUGGAG 12
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                                                                                                                                             15 GGGGTCCTGGAG 4
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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Matches 12: Conserve
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US-09-740-332-26/c
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                           Sequence 1587, Application US/09504231A

Patent No. US2002001345841

GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence

APPLICANT: Blatt, Lawrence

APPLICANT: Roberts, Beth

APPLICANT: Roberts, Beth

APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

FILE REFERENCE: rpi 247/282

CURRENT APPLICATION NUMBER: 09/274,553

PRIOR FILING DATE: 1999-02-24

PRIOR FILING DATE: 1999-02-24

PRIOR PLILING DATE: 1999-09-18

PRIOR PLILING DATE: 1998-09-18

PRIOR PLILING DATE: 1998-09-18

PRIOR PLILING DATE: 1998-09-18

PRIOR PLILING DATE: 1998-04-27

SEC ID NOS: 3242

SOFTWARR: Patentin version 3.0

SEC ID NO 1587
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Sequence 1587, Application US/09274553D

Sequence 1587, Application

BEREAL INFORMATION:

APPLICANT: Blatt, Lawrence

APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

TITLE OF INVENTION NUMBER: US/09/274,553D

CURRENT APPLICATION NUMBER: US/09/274,553D

CURRENT FILING DATE: 1999-03-23

PRIOR FILING DATE: 1999-02-24

PRIOR PRILING DATE: 1998-09-18

PRIOR FILING DATE: 1998-09-18

PRIOR FILING DATE: 1998-04-27

NUMBER OF SEQ ID NOS: 3148

SOFTWARE: Patentin version 3.0

SEQ ID NO 1587

LENGTH: 15
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// OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-1587
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OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
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Pred. No. 1.5e+03;
2; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
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Best Local Similarity 83.3%;
Matches 10; Conservative
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APPLICANT: Lawrence, Blatt
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: Danis, Macejak
APPLICANT: David, Morrissey
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavo
APPLICANT: Pamela, Pavo
APPLICANT: Patrice, Lee
APPLICANT: Renneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICANTION
TITLE OF INVENTION: USUB (MBHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
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NUMBER OF SEQ ID NOS: 16207
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 66.7%; Score 12; DB 15; Length 17; Best Local Similarity 83.3%; Pred. No. 1.5e+03; Matches 10; Conservative 2; Mismatches 0; Indels
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PRIOR PELLING DATE: 2002-03-26
PRIOR PELLING DATE: 2002-03-26
PRIOR PELLING DATE: 2002-03-26
PRIOR PELLING DATE: 2001-06-08
PRIOR PELLING DATE: 2001-10-24
PRIOR PELLING DATE: 2001-10-24
PRIOR PELLING DATE: 2001-10-26
PRIOR PELLING DATE: 2001-12-05
PRIOR PELLING DATE: 2001-12-05
PRIOR PELLOATION NUMBER: US 60/337,055
PRIOR PELLING DATE: 2002-03-11
PRIOR PELLING DATE: 2002-03-11
PRIOR PELLING DATE: 2002-03-11
PRIOR PELLING DATE: 2000-03-26
PRIOR PELLING DATE: 2000-01-21
PRIOR PELLING DATE: 2000-01-03-26
PRIOR PELLING DATE: 2000-01-03-26
PRIOR PELLING DATE: 2000-01-03-18
                  CURRENT APPLICATION NUMBER: US/10/298,255
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: 60/336,005
PRIOR FILING DATE: 2001-11-15
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 4
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin version 3.0 SEQ ID NO 2619
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
FILE REFERENCE: 45858-56064
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                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: RIDOZYME Pharmaceuticals Inc.
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patentin version 3.0
SEQ ID NO 26
LENGTH: 17
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Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymetic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBH800-801-P
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Publication No. US20030134312A1
Publication No. US200300134312A1
Publication No. US200300134312A1
Publication No. US20030134312A1
APPLICANT: BURGOYNE, LEIGH A.
TITLE OF INVENTION: METHODS AND MATERIALS FOR DETECTING GENETIC MATERIAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: oligonucleotide substrate US-09-817-879-26
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CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patentin version 3.0
SEQ ID NO 4529
LENGTH: 17
                                                                                      US-09-817-879-26/c Sequence 26, Application US/09817879; Publication No. US20030171311A1
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Best Local Similarity
Matches 10; Conserv
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US-09-817-879-4529
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US-10-298-255-4/c
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Sequence 4, Application US/11016291

Sequence 4, Application US/11016291

GENERAL INFORMATION:

APPLICANT: BURGOYNE, LEIGH A.

TITLE OF INVENTION: METHODS AND MATERIALS FOR DETECTING GENETIC MATERIAL

FILE REFERENCE: 45858-56064

CURRENT APPLICATION NUMBER: US/11/016,291

CURRENT PILING DATE: 2004-12-17

PRIOR FILING DATE: 2001-11-15

NUMBER OF SEQ ID NOS: 7

SOFTWARE: PATENTIN VET. 2.1
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Pred. No. 1.5e+03;
2; Mismatches 0; Indels
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Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Wolfe, Ja L.
APPLICANT: Woodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US2002081577A11 A.
APPLICANT: Walther, Debra M.
ITILE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
ITILE OF INVENTION: OLIGONUCLEOTIDES CON TITLE OF INVENTION: DLIGONUCLEOTIDES SPECIFIC FOR
ITILE OF INVENTION: HEPATITIS C VIRUS
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
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60 State Street
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REGISTRATION NUMBER: 33,523
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83.3%;
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ORGANISM: Artificial Sequence
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Matches 10; Conservative
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                             6 ececucioseas 17
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CITY: Boston
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US-08-887-505-39
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LENGTH: 17
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APPLICANT: Pawala, Pavco
APPLICANT: Pawala, Pavco
APPLICANT: Pawala, Pavco
APPLICANT: Partice, Lee
APPLICANT: Retrice, Lee
APPLICANT: Remeth, Dager
APPLICANT: Elisabeth, Roberts
TITLE OF INVARYTON: OLIGAROUCEDED
TITLE OF INVARYTON: OLIGAROUCED
TITLE OF INVARYTON: OLIGAROUCED
TITLE OF INVARYTON: OLIGAROUCED
PRIOR PELICATION NUMBER: US 60/296,841
CURRENT APPLICATION NUMBER: US 60/396,876
PRIOR PILING DATE: 2001-06-08
PRIOR PILING DATE: 2001-10-24
PRIOR PILING DATE: 2001-10-24
PRIOR PILING DATE: 2001-12-05
PRIOR PILING DATE: 2002-03-11
PRIOR PILING DATE: 2002-03-11
PRIOR PILING DATE: 2000-02-20
PRIOR PILING DATE: 2000-03-11
PRIOR PILING DATE: 2000-03
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                                                           ; OTHER INFORMATION: oligonucleotide substrate US-10-669-841-2619
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Publication No. US20040127446A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sirna Therapeutics, Inc. APPLICANT: Lawrence, Blatt APPLICANT: Dennis, Macejak APPLICANT: James, McSwiggen APPLICANT: David, Morrissey
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NAME/KEY: misc_feature
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                                                                                                                    Length 18;
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APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
APPLICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                          Query Match
66.7%; Score 12; DB 8; Le
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 12; Conservative 0; Mismatches 0;
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REGISTATION NUMBER: 33,523
REFERENCE, DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 41, Application US/08887505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   . LELEFAX: (617) 526-6000
TELEFAX: (617) 526-6000
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base references
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Hale and Dorr LLP STREET: 60 State Street
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Matches 12; Conservative
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and
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STRANDEDNESS: sing
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HYPOTHETICAL: 1
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HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           02109
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                             , ANTI-SENSE:
US-08-887-505-40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE:
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APPLICANT: Frank, Bruce L.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Molfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Boberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OVERGENORENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

SUSTYMER: PATENTING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: APPLICATION DATA:

APPLICATION NUMBER: US/08/887,505

FILING APPLICATION DATA:

APPLICATION NUMBER: US 08/471,968

FILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:
   REFERENCE/DOCKET NUMBER: HYZ-040CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYZ-040CIP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFRENCE/DOCKET NUMBER: HYZ-CTELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA/RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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                                                                                                                                                                                                                                                                                                                                                                            ; ANTI-SENSE:
US-08-887-505-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: BOE
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-887-505-40
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Gaps
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APPLICANT: Hamili, Jr., Henry A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , Debra M.
OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/887,505

FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia, Deter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, No. US2020081577A11 A.
APPLICANT: Walther, Debra M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILLING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 472-040CIP
TELECOMMUNICATION INFORMATION:
TELEPRONE: (617) 526-6000
TELEPRAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE SERVENING:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 31
US-08-887-505-44
; Sequence 44, Application US/08887505
; Publication No. US20020081577A1
; PAPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Hale and Dorr LLP STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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Matches 12; Conserv
                                                                                                                                                                                                                                                               USA
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COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-887-505-43
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                                                                                                                                  APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Debra M.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: GLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UNI-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
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GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                     Sequence 42, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEPHONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 42: SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
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Best Local Similarity 100.
Matches 12; Conservative
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MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Boston
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ZIP: 02109
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                                           US-08-887-505-42
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US-08-887-505-43
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STATE:
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APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Roberts, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSES: Hale and Dorr LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 8; Le
100.0%; Pred. No. 1.5e+03;
iive 0; Mismatches 0;
                                                   ATTORNEY AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 41,2040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INPORMATION:
TELEPHONE: (617) 526-6000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sequence 46, Application US/08887505; Publication No. US20020081577A1.
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA/RNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 02109
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US-08-887-505-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: MA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       66.7%; Score 12; DB 8; Length 18; 100.0%; Pred. No. 1.5e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CARRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 45, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Hamilin, Jr., Henry A.
APPLICANT: Roberts, No. US2002081577A11 A.
APPLICANT: Roberts, No. US2002081577A11 A.
APPLICANT: Roberts, No. US2002081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Prea. ...
                                                                                                                                                                                                                                                                                                                                             NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-600
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ANTI-SENSE: YES US-08-887-505-44
                        USA
                      COUNTRY: US
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US-08-887-505-45
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    66.7%; Score 12; DB 8; Length 18; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels
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US-08-887-505-50
; Sequence 50, Application US/08887505
; Seduce 50, Application US/08887505
; Seduce 50, Application US/08887505
; Seduce 50, Application US/08887505
; Septicant Kilkuskie, Robert E.
APPLICANT Kilkuskie, Ruce L.
APPLICANT Goodchild, John
APPLICANT Wolfe, Jia L.
APPLICANT Hamlin, Jr., Henry A.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Debert M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: DEPAIRING VIRUS
; NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: PAPLICATION NUMBER: US/08/887,505 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66.7%; Score 12; DB 8; Lt
100.0%; Pred. No. 1.5e+03;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILLING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hale and Dorr LLP
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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    Query Match
Best Local Similarity 100.
Matches 12; Conservative
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Best Local Similarity 100.
Matches 12, Conservative
                                                                                                                            1 GGGGUCCUGGAG 12
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US-08-887-505-51
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APPLICANT: Frank, Bruce L.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-DUS/MS-DUS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
FILING DATE:
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: KETAER APPLICATION NUMBER: 33,53
ATTORNEY/AGENT INFORMATION:
FELECOMMUNICATION NUMBER: 33,53
REFERENCE/DOCKET NUMBER: 33,53
REFERENCE/DOCKET NUMBER: 47,5040CIP
TELEPHONE: (617) 526-6000
TELEPHONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Publication No. US20020081577A1
GENERAL INFORMATION:
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60 State Street
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single STRANDEDNESS: single MOLECTLE TYPE: DNA/RNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                      Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                               1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Hal
STREET: 60 Sta
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
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US-08-887-505-46
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US-08-887-505-49
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Length 18;
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APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577All A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                  COMPTRY: USA

CONTRY: USA

CONTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/887,505

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/471,968

FILING DATE: 06-JUN-1995

ATTORNEY AGENT INFORMATION:

REFERENCE/POCKET NUMBER: HYZ-040CIP

TELEPAN: (617) 526-6000

TELEPAN: (617) 526-5000

INFORMATION FOR SEQ ID NO: 52:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: MICHAEL STRAIGH

TYPE: MICHAEL STRAIGS:

TYPE: MICHAEL STRAINS

TYPE
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 66.7%; Score 12; DB 8; I Best Local Similarity 83.3%; Pred. No. 1.5e+03; Matches 10; Conservative 2; Mismatches 0;
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; Sequence 53, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                            USA
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HYPOTHETICAL: N
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Pred. No. 1.5e+03;
0; Mismatches 0; Indels
                                                                            APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Kilkuskie, Robert E.
Frank, Bruce L.
Goodchild, John
Wolfe, Jia L.
Roberts, Peter C.
Hamiln, Jr., Henry A.
Roberts, No. US20020081577A11 A.
Walther, Debra M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 41,523
RELECOMMUNICATION INFORMATION: (617) 526-600
TELEPHONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 51: SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: FIALUSKIE, ROBERT E.
APPLICANT: Frank, Bruce L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.7%; Scc.
100.0%; Pre
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      Sequence 51, Application US/08887505
Publication No. US20020081577A1
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STREET: 60 State Street
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Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Boston
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US-08-887-505-52
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APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 141, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
    GENERAL INFORMATION:
    APPLICANT: Kilkuskie, Robert E.
    APPLICANT: Frank, Bruce L.
    APPLICANT: Goodchild, John
    APPLICANT: Roberts, Peter C.
    APPLICANT: Hamlin, Jr., Henry A.
    APPLICANT: Roberts, Debra M.
    APPLICANT: Walther, Debra M.
    TITLE OF INVENTION: HEPATITIS C VIRUS
    NUMBER: OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: US/08/887,505
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
                      NAME: Kerner, Ann-Louise
REGISTRATION UNDRER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-CTELECOMMUNICATION INFORMATION:
TELEFONE: (617) 526-5000
TELEFONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYRE: NUCLEIC acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: NOA/RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Hale and Dorr LLP
60 State Street
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TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 141:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGGGUCCUGGAG 12
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CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kilkuskie, Robert B.
APPLICANT: Kilkuskie, Robert B.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESSE:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
            COMPOURE: IBM PC compatible
COMPOURE: IBM PC compatible
SOSTAME: Batentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/471,968
FILING DATE: O6-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
TYPE: MODELOCKET SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 54, Application US/0887505
Publication No. US20020081577A1
GENERAL INFORMATION:
Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.0
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
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MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-887-505-53
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                                                                                                                                        Sequence 143, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCES: 172
CORRESPONDENCES: 172
CORRESPONDENCES: 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTOMEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 472-040CIP
TELECOMONICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 144, Application US/08887505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Hale and Dorr LLP STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
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                         7 GGGGUCCUGGAG 18
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA/RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-887-505-144
                                                                                                                                    US-08-887-505-143
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.7%; Score 12; DB 8; Length 18; llarity 100.0%; Pred. No. 1.5e+03; Conservative 0; Mismatches 0; Indels
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US-08-887-505-142

; Sequence 142, Application US/08887505
; Publication No. US20202081577A1
; Publication No. US20202081577A1
; Publication No. US20202081577A1
; APPLICANT: Kilkuskie, Robert E. APPLICANT: Frank, Bruce L. APPLICANT: Wolfe, Jia L. APPLICANT: Wolfe, Jia L. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, No. US202081577A11 A. APPLICANT: Walther, Debra M. TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESSE: Hale and Porter STREET.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 41,523
TELEPHONE: (617) 526-600
TELEPHONE: (617) 526-5000
TELEPHONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 142: SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP. 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA/RNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 12; Conserva
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STREET: bc
-mv: Boston
                                                                                    , ANTI-SENSE: YES
US-08-887-505-141
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US-08-887-505-142
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STATE: MA
COUNTRY: US
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Publication No. US20020081577A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Homer, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Poton US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: ULICONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/887,505
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 1472-040CIP
TELEPROCE/OCKET NUMBER: 472-040CIP
TELEPROCE (617) 526-6000:
TELEFRAX: (617) 526-6000:
TELEFRAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 145:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC Compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1 n '
      B: Hale and Dorr LLP
60 State Street
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STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA/RNA HYPOTHETICAL: NO
           Abbar
STREET: bc
Tmv: Boston
                                                                                              USA
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STATE: MA
                                                                                                                   02109
         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-887-505-145
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                                                                      STATE: M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kilkuekie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Roberts, Perer C.
APPLICANT: Roberts, Perex C.
APPLICANT: Walther, Debrum M. US20020081577A11 A.
APPLICANT: Walther, Debrum M. TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
T: Frank, Bruce L.
T: Goodchild, John
T: Wolfe, Jia L.
T: Roberts, Peter C.
T: Roberts, Peter C.
T: Roberts, No. US20020081577A11 A.
T: Walther, Debra M.
INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR INVENTION: HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION WUMBER: 33.523
REGISTRATION WUMBER: 33.523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 144:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIPTCATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMERS: US 08/471,968
FILING DATE: 06-JIN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                  ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 145, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                             E: Hale and Dorr LLP
60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
                                                                                     APPLICANT: Hamlin, Jr.,
APPLICANT: Roberts, No.
APPLICANT: Roberts, No.
TITLE OF INVENTION: OLIC
TITLE OF INVENTION: HEPP
NUMBER OF SEQUENCES: 177
CORRESPONDENCE ADDRESS:
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HYPOTHETICAL: NO
ANTI-SPACE
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                                                                                                                                                                                                                                                             STREET: 60 Starter Boston STATE: MA
                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                               ADDRESSEE:
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Sequence 14, Application US/09782361

Patent No. US2002064778A1

GENERAL INFORMATION:

APPLICANT: HU, Yu-Wen

TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

UNRENT APPLICATION NUMBER: US/09/782,361

CURRENT APPLICATION NUMBER: US/09/782,361

NUMBER OF SEQ ID NOS: 49

SOFTWARE: Patentin version 3.0

SEQ ID NO 14
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APPLICANT: Linnen, Denker, Janel P.
APPLICANT: Bockter, Janel M.
APPLICANT: Getman, Damon K.
APPLICANT: Getman, Damon K.
APPLICANT: Getman, Damon K.
APPLICANT: Yoshimura, Tadashi
APPLICANT: Stringfellow, Leslie A.
TITLE OF INVENTION: Compositions and Methods for Detecting
TITLE OF INVENTION: Hepatitis B Virus
FILE REFERENCE: GP134-02.UT
CURRENT APPLICATION NUMBER: US/10/461,790
CURRENT FILING DATE: 2003-06-13
PRIOR PRLICAD DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 12; DB 8; Length 18;
Pred. No. 1.5e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Prec. ...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: primer for PSMEA US-09-782-361-14
                                                         TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 147:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         66.7%;
                                     (617) 526-6000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.78;
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Best Local Similarity 100.
Matches 12, Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                               , ANTI-SENSE: YES US-08-887-505-147
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                                        TELEPHONE:
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APPLICANT: Goodchild, John
APPLICANT: Wolfe, Ja L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577All A.
APPLICANT: Roberts, No. US20020081577All A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/887,505
                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECHONE: (617) 526-6000
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 146:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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REFERENCE/DOCKET NUMBER: HYZ-040CIP
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CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPA
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UIN-1995
ATTORNEY/AGENT INFORMATION:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 147, Application US/08887505
Publication No. US20020081577A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: OLIGONUCLEOTI
TITLE OF INVENTION: HEPATITIS C V
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA/RNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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Best Local Similarity
Matches 12; Conserva
                                                                                                         CLASSIFICATION:
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US-08-887-505-146
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APPLICANT: Macelaw, Dennia APPLICANT: Macelaw, Leconid APPLICANT: Macelaw, Leconid APPLICANT: Macelawa, Leconid APPLICANT: Macrissey, David TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV); TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C VIRUS (HERBOZ-763B)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA) (URRENT APPLICATION NUMBER: US 10/44,853 (URRENT FILING DATE: 2003-09-16 (URRENT FILING DATE: 2003-05-23 (US02/09187) (US02/09187) (USDE APPLICATION NUMBER: PCT / US02/09187) (USDE APPLICATION NUMBER: PCT / US02/09187) (USDE APPLICATION NUMBER: USSN 60/401,104 (USDE APPLICATION NUMBER: USSN 60/401,104 (USDE APPLICATION NUMBER: USSN 60/363,124 (USDE APPLICATION NUMBER: USSN 60/363,124 (USDE APPLICATION NUMBER: USSN 60/363,124 (USDE APPLICATION NUMBER: USSN 60/386,782 (USDE APPLICATION NUMBER: USSN 60/406,784 (USDE APPLICATION NUMBER: USSN 60/406,784 (USDE APPLICATION NUMBER: USSN 60/406,784 (USDE APPLICATION NUMBER: USSN 60/409,293 (USDE APPLICATION UNDER: USSN 60/409,293 (USDE APPLICATION 
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Publication No. US20040209831A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, David

APPLICANT: Morrissey, David

TITLE OF INVENTION: MAN Interference Mediated Inhibition of Hepatitis C Virus (HCV)

TITLE OF INVENTION: USADE Expression Using Short Interfering Nucleic Acid (siNA)

TITLE OF INVENTION: USADE: 2003-09-16

CURRENT APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR FILING DATE: 2003-02-20

PRIOR FILING DATE: 2003-02-20

PRIOR FILING DATE: 2003-02-20
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83.3%; Pred. No. 1.5e+03;
tive 2; Mismatches 0; Indels
Sequence 467, Application US/10667271
Publication No. US20040209831A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwiggen, James
APPLICANT: Macejak, Dennis
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ORGANISM: Artificial Sequence
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Matches 10; Conservative
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US-10-667-271-498/c
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Sequence 466, Application US/10667271
Sequence 466, Application US/10667271
Sequence 466, Application US/10667271
Sequence 466, Application No. US20040209831A1
SEPLICANT: SITUAL Therapeutics
APPLICANT: Macsigen, James
APPLICANT: Macsigen, James
APPLICANT: Macsigen, Leonid
APPLICANT: Macsigen, Leonid
APPLICANT: Macsigen, Leonid
APPLICANT: Macsigen, Denid
APPLICANT: Macsigen, Denid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
FILE REFERENCE: 400/129 (HRHB02-763B)
FRIOR APPLICATION NUMBER: US03-05-16
FRIOR APPLICATION NUMBER: USN 60/401,104
FRIOR APPLICATION NUMBER: USN 60/386,782
FRIOR APPLICATION NUMBER: USN 60/386,782
FRIOR APPLICATION NUMBER: USN 60/406,784
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US-10-667-271-466
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                                                                                                                                                                                                                                                                              Score 12; DB 17; Length 19;
                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                              1.5e+03;
                                                                                                                                                                                                                                                                                                                  Pred. No. 1.56
2; Mismatches
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 121
LENGTH: 19
                                                                                                                                                                                                                                                                          Ouery Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                  ; TYPE: DNA
; ORGANISM: Hepatitis C Virus
US-10-461-790-121
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US-10-667-271-467/C
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LENGTH: 19
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re-
US-10-667-271-500
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TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 400/129 (MBHB02-763B)
CURRENT APPLICATION NUMBER: US/10/667,271
CURRENT PILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: PCT / US03/05043
PRIOR APPLICATION NUMBER: PCT / US03/05043
PRIOR APPLICATION NUMBER: USN 60/401,104
PRIOR APPLICATION NUMBER: USN 60/401,104
PRIOR PILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: USN 60/358,580
PRIOR PILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR PILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: USN 60/363,124
PRIOR PILING DATE: 2002-03-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: USN 60/406,784
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-09
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US-10-667-271-502
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                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7%; Score 12; DB 20; Length 19; Best Local Similarity 83.3%; Pred. No. 1.5e+03; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 502, Application US/10667271; Publication No. US20040209831A1; GENERAL INFORMATION:
                                                                  LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.2 SEQ ID NO 502
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APPLICANT: Morrissey, David
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Macejak, Dennis
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Best Local Similarity 83.3.
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                          SEQ ID NO 500
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APPLICANT:
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APPLICANT: Sirna Therapeutics
APPLICANT: Sirna Therapeutics
APPLICANT: McCwiggen, James
APPLICANT: McCwiggen, James
APPLICANT: Macciak, Dennis
APPLICANT: Macciak, Dennis
APPLICANT: Macciak, David
TITLE OF INVENTION: RAD Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RAD Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RAD Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION WHERE: US01-06-72
CURRENT FILING DATE: 2003-09-16
PRIOR APPLICATION WHERE: PCT / US03/0643
PRIOR APPLICATION WHERE: PCT / US02/09187
PRIOR FILING DATE: 2003-03-26
PRIOR FILING DATE: 2003-03-36
PRIOR FILING DATE: 2003-03-36
PRIOR APPLICATION WHERE: USSN 60/386,782
PRIOR PLING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR APPLICATION WHERE: USSN 60/406,784
PRIOR PLING DATE: 2002-06-06
PRIOR PRILING DATE: 2003-06-06
PRIOR 
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US-10-667-271-498
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PRIOR FILING DATE: 2002-03-26
PRIOR FILING DATE: 2002-08-05
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-05
PRIOR PLING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: USSN 60/409,293
PRIOR FILING DATE: 2002-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1708
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin version 3.2
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Matches 10; Conservative
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US-10-667-271-500/c
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Sequence 545, Application US/10667271
Publication No. US20040209831A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwiggen, James
APPLICANT: Macejak, Dennis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                           APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Mortises/, David
TITLE OF INVENTIONS: What Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTIONS: 400/129 (MHHBD2-763B)
TITLE OF INVENTIONS: 400/129 (MHHBD2-763B)
CURRENT APPLICATION NUMBER: US/10/667,271
CURRENT APPLICATION NUMBER: US/10/667,271
PRIOR APPLICATION NUMBER: PCT / US03/05043
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT / US03/05043
PRIOR APPLICATION NUMBER: PCT / US03/05043
PRIOR APPLICATION NUMBER: USN 60/401,104
PRIOR APPLICATION NUMBER: USN 60/359,580
PRIOR APPLICATION NUMBER: USN 60/359,124
PRIOR APPLICATION NUMBER: USN 60/363,124
PRIOR APPLICATION NUMBER: USN 60/363,124
PRIOR APPLICATION NUMBER: USN 60/409,378
PRIOR APPLICATION NUMBER: USN 60/409,378
PRIOR APPLICATION NUMBER: USN 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: USN 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR PLING DATE: 2002-09-09
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PRIOR PLING DATE: 2002-09-09
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REMAINS P
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APPLICANT: Macejak, James
APPLICANT: Macejak, Dennis
APPLICANT: Macejak, Dennis
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Morrissey, David
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
FILE REPRENCE: 400/129 (WBHB02-763B)
CURRENT FILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-02-20
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Pred. No. 1.5e+03;
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Sequence 538, Application US/10667271
Publication No. US20040209831A1
GENERAL INFORMATION:
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Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                       APPLICANT: Sirna Therapeutics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense r
US-10-667-271-544
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APPLICANT: MacSay, Leonid
APPLICANT: Morisesy, David
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 400/129 (MBHB02-563B)
CURRENT APPLICATION NUMBER: US 10/444,853
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR APPLICATION NUMBER: PCT / US02/09187
PRIOR PRILING DATE: 2003-03-26
PRIOR PELICATION NUMBER: USSN 60/401,104
PRIOR PLILING DATE: 2002-03-26
PRIOR PELICATION NUMBER: USSN 60/359,580
PRIOR PELICATION NUMBER: USSN 60/369,580
PRIOR PELICATION NUMBER: USSN 60/369,782
PRIOR PELICATION NUMBER: USSN 60/369,782
PRIOR PELICATION NUMBER: USSN 60/406,784
PRIOR PELICATION NUMBER: USSN 60/409,293
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PRIOR APPLICATION NUMBER: PCT / USO2/09187

PRIOR FILING DATE: 2002-03-26

PRIOR PILING DATE: 2002-03-26

PRIOR PLING DATE: 2002-08-05

PRIOR PLING DATE: 2002-08-05

PRIOR APPLICATION NUMBER: USSN 60/401,104

PRIOR APPLICATION NUMBER: USSN 60/363,124

PRIOR PLING DATE: 2002-03-11

PRIOR PLING DATE: 2002-06-06

PRIOR PLING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: USSN 60/406,784

PRIOR APPLICATION NUMBER: USSN 60/406,784

PRIOR PILING DATE: 2002-08-29

PRIOR FILING DATE: 2002-09-09

PRIOR PLING DATE: 2002-09-09
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Pred. No. 1.5e+03;
2; Mismatches 0; Indels
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US-10-66'-2'1-1163

US-10-66'-2'1-1163

Sequence 1163. Application US/10667271

Publication No. US20040209831A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics

APPLICANT: Mcswiggen, James

APPLICANT: Mcswiggen, Dayle

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)

TITLE OF INVENTION WOMBER: US 100/66', 21

CURRENT APPLICATION WUMBER: US 1003-05-13

PRIOR FILING DATE: 2003-05-2

PRIOR FILING DATE: 2002-03-26

PRIOR FILING DATE: 2002-03-26

PRIOR FILING DATE: 2002-03-26

PRIOR FILING DATE: 2002-03-11

PRIOR FILING DATE: 2002-03-11

PRIOR FILING DATE: 2002-06-06

PRIOR FILING DATE: 2002-06-06

PRIOR PLING DATE: 2002-06-06

PRIOR PLING DATE: 2002-06-06

PRIOR APPLICATION WUMBER: USSN 60/406,784

PRIOR PLING DATE: 2002-08-05

PRIOR APPLICATION WUMBER: USSN 60/406,784

PRIOR PLING DATE: 2002-08-05

PRIOR PLING DATE: 2002-09-05

PRIOR PLING DATE: 2002-09-05

PRIOR PLING DATE: 2002-09-05

PRIOR APPLICATION WUMBER: USSN 60/406,784

PRIOR PLING DATE: 2002-09-05

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APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Mcsisk, Dennis
APPLICANT: Beigelman, Leonid
APPLICANT: Morrissey, David
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 400/129 (MBHB02-763B)
CURRENT APPLICATION NUMBER: US/10/667,271
CURRENT FILING DATE: 2003-09-16
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 12; Conserv
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SEQ ID NO 1163
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Sequence 1162, Application US/10667271

Sequence 1162, Application US/10667271

GENERAL IMPORMATION:

APPLICANT: Sirna Therapeutics

APPLICANT: McSwiggen, James

APPLICANT: More Expression

CURRENT APPLICATION NUMBER: US/10/667,271

CURRENT APPLICATION NUMBER: US/10/667,271

CURRENT APPLICATION NUMBER: US/10/667,271

FRIOR PAPLICATION NUMBER: US/10/667,271

FRIOR PAPLICATION NUMBER: US/10/667,271

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FRIOR PAPLICATION NUMBER: US/10/667,271

FRIOR APPLICATION NUMBER: US/10/667,271

FRIOR APPLICATION NUMBER: US/10/667,271

FRIOR APPLICATION NUMBER: US/10/667,274

FRIOR PAPLICATION NUMBER: US/10/667,274

FRIOR PAPLICATION NUMBER: US/10/667,274

FRIOR PAPLICATION NUMBER: US/10/667,274

FRIOR PAPLICATION NUMBER: US/10/667,274

FRIOR FILING DATE: 2002-03-26

FRIOR APPLICATION NUMBER: US/10/667,274

FRIOR PAPLICATION NUMBER: US/10/667,274

FRIOR FILING DATE: 2002-03-26

FRIOR APPLICATION NUMBER: US/10/667,274

FRIOR FILING DATE: 2002-03-26

FRIOR APPLICATION NUMBER: US/10/667,274

FRIOR APPLICATION NUMBER: US/10/67,274

FRIOR APPLICATION UMBER: US/10/67,274

FRIOR APPLICATION UMBER: US/10/67,274

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                                                                                                                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-667-271-545
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US-10-667-271-1162
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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1705
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Pred. No. 1.5e+03;
2; Mismatches 0; Indels
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SEQ ID NO 1162
LENGTH: 19
SOFTWARE: PatentIn version 3.2 SEQ ID NO 545
                                                                                                             TYPE: RNA
ORGANISM: Artificial Sequence
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Best Local Similarity 83.3%;
Matches 10; Conservative
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Best Local Similarity 100...
Local 2; Conservative
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17 GGGTCCTGGAG 6
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APPLICANT: Macejak, Dennis
APPLICANT: Macejak, Dennis
APPLICANT: Beigelman, Leonid
APPLICANT: Morrisaey, David
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400,129 (MBHB02-763B)
CURRENT APPLICATION NUMBER: US/10/667,271
                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region US-10-667-271-1196
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US-10-667-271-1198
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PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-05-23
PRIOR PILING DATE: 2003-02-03-26
PRIOR APPLICATION NUMBER: PCT / USO2/09187
PRIOR APPLICATION NUMBER: PCT / USO2/09187
PRIOR APPLICATION NUMBER: USSN 60/401,104
PRIOR PILING DATE: 2002-08-05
PRIOR PILING DATE: 2002-08-05
PRIOR PILING DATE: 2002-03-10
PRIOR PILING DATE: 2002-03-11
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: USSN 60/363,124
PRIOR PILING DATE: 2002-03-11
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-05
PRIOR PILING DATE: 2002-06-05
PRIOR APPLICATION NUMBER: USSN 60/408,378
PRIOR APPLICATION NUMBER: USSN 60/409,293
PRIOR PILING DATE: 2002-09-05
PRIOR PILING PILING DATE: 2002-09-05
PRIOR PILING PILI
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Pred. No. 1.5e+03;
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100.0%; Pred. No. ...
0; Mismatches
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                                   SOFTWARE: PatentIn version 3.2
SEQ ID NO 1196
LENGTH: 19
                                                                                                                                                    TYPE: RNA
ORGANISM: Artificial Sequence
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 1198
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Best Local Similarity
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Best Local Similarity
Matches 12; Conserv
   NUMBER OF SEQ ID
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APPLICANT: Morrissey, David
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-667-271-1194
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1705
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1194
LENGTH: 19
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1.5e+03;
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CURRENT APPLICATION NUMBER: US/10/667,271
CURRENT FILING DATE: 2003-09-16
PRIOR PELING DATE: 2003-05-23
PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT / USO2/051B7
PRIOR PILING DATE: 2003-02-6
PRIOR PILING DATE: 2002-03-26
PRIOR PILING DATE: 2002-03-26
PRIOR PILING DATE: 2002-03-6
PRIOR PILING DATE: 2002-03-6
PRIOR PILING DATE: 2002-03-6
PRIOR PILING DATE: 2002-03-10
PRIOR PILING DATE: 2002-03-10
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: USSN 60/363,124
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: USSN 60/363,124
PRIOR APPLICATION NUMBER: USSN 60/406,784
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-09-05
                       PRIOR APPLICATION NUMBER: PCT / US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR PLING DATE: 2002-03-26
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-00-09
PRIOR PLING DATE: 2002-00-09
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-08-29
PRIOR PLING DATE: 2002-08-29
PRIOR PLING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: USSN 60/406, 784
PRIOR PLING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: USSN 60/409, 293
PRIOR PLING DATE: 2002-09-05
PRIOR PLING DATE: 2002-09-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 66.7%; Score 12; DB Best Local Similarity 100.0%; Pred. No. 1.: Matches 12; Conservative 0; Mismatches
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Publication No. US20040209831A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwiggen, James
APPLICANT: Macejak, Dennis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
2003-02-20
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                                                                               GREAL INFORMATION

APPLICANT: Sirna Therapeutics

APPLICANT: McSwiggen, James

APPLICANT: Macelar, Dennis

APPLICANT: Macelar, Dennis

APPLICANT: Macelar, Dennis

APPLICANT: Macelar, Dennis

APPLICANT: Macrises, David

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)

TITLE OF INVENTION: RNA INTERER: US/10/667,271

CURRENT APPLICATION NUMBER: US/10/667,271

CURRENT APPLICATION NUMBER: US/10/667,271

CURRENT FILING DATE: 2003-09-16

PRIOR FILING DATE: 2003-05-20

PRIOR PELICATION NUMBER: PCT / US02/09187

PRIOR PELICATION NUMBER: USN 60/401,104

PRIOR FILING DATE: 2002-06-05

PRIOR FILING DATE: 2002-06-05

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: USN 60/363,124

PRIOR APPLICATION NUMBER: USN 60/363,124

PRIOR APPLICATION NUMBER: USN 60/363,124

PRIOR PELING DATE: 2002-06-06

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: USN 60/363,124

PRIOR FILING DATE: 2002-06-06

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: USN 60/406,784

PRIOR PELICATION NUMBER: USN 60/406,784

PRIOR APPLICATION NUMBER: USN 60/406,784

PRIOR APPLICATION NUMBER: USN 60/406,784

PRIOR APPLICATION NUMBER: USN 60/406,784

PRIOR PELICATION NUMBER: USN 60/406,784

PRIOR APPLICATION NUMBER: USN 60/406,784

PRIOR APPLICATION NUMBER: USN 60/409,293

PRIOR APPLICATION NUMBER: USN 60/409,293
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Sequence 1240, Application US/10667271
Publication No. US200040209831A1
GENERAL INFORMATION:
Publication No. US200040209831A1
GENERAL INFORMATION:
APPLICANT: Mccjak, Dennis
APPLICANT: Mccjak, Dennis
APPLICANT: Mccjak, Dennis
APPLICANT: Mortiseey, David
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sinA)
FILE REPERENCE: 400/129 (MBHB02-763B)
CURRENT FILING DATE: 2003-09-16
PRIOR PILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-667-271-1234
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NUMBER OF SEQ ID NOS: 1705
SOFTWARE: Patentin version 3.2
SEQ ID NO 1234
LENGTH: 19
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100.0%; Pred. No. 1.5e+03;
iive 0; Mismatches 0;
; Sequence 1234, Application US/10667271; Publication No. US20040209831A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 12; Conservative
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APPLICANT: Beigelman, Leonid
APPLICANT: Morrissey, David
TITLE OF INVENTION: Than Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Than Interference Mediated Inhibition of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/129 (MBHB02-763B)
CURRENT APPLICATION NUMBER: US/10/667,271
CURRENT FILING DATE: 2003-09-16
PRIOR FILING DATE: 2003-09-16
PRIOR PLING DATE: 2003-02-23
PRIOR PELING DATE: 2003-02-20
PRIOR FILING DATE: 2002-03-26
PRIOR PELING DATE: 2002-03-11
PRIOR PELING DATE: 2002-06-29
PRIOR PELING DATE: 2002-06-29
PRIOR PELING DATE: 2002-06-29
PRIOR PELING DATE: 2002-09-05
PRIOR PELING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: USSN 60/409,293
PRIOR PELING DATE: 2002-09-09
PRIOR PELING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: PCT / US03/05043
PRIOR FILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR PLING DATE: 2002-03-6
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-06-06
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2002-09-05
PRIOR PLING DATE: 2002-09-09
PRIOR DATE: 2002-09-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
ORGANISM: Artificial Sequence
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APPLICANT: McSwiggen, James
APPLICANT: Macejak, Dennis
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Best Local Similarity 100.
Matches 12; Conservative
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APPLICANT: Waish Narentra
APPLICANT: Waish Narentra
APPLICANT: Sirna Therapeutics, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
FILE REPERENCE: 02-763-I (400/234)
CURRENT PILING DATE: 2004-09-16
FRICA PPLICATION NUMBER: US/10/942,560
CURRENT FILING DATE: 2003-09-16
FRICA REPLICATION NUMBER: PCT/US03/05043
FRICA RELICATION NUMBER: PCT/US02/09187
FRICA RELICATION NUMBER: PCT/US02/09187
FRICA RELICATION NUMBER: PCT/US 04/16390
FRICA RELICATION NUMBER: US 10/826,966
FRICA RELICATION NUMBER: US 10/826,966
FRICA RELICATION NUMBER: US 10/57,803
FRICA RELICATION NUMBER: US 10/57,803
FRICA RELICATION NUMBER: US 10/693,059
FRICA RELICATION NUMBE
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APPLICANT: Scalen, Karl
APPLICANT: Zinnen, Shawn
APPLICANT: Vaish, Narendra
APPLICANT: Waish, Narendra
APPLICANT: ACSWiggen, James
APPLICANT: Pirra Pherapeutics, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
FITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sINA)
FILE REFERENCE: 02-763-I (400/234)
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Pred. No. 1.5e+03;
2; Mismatches 0; Indels
                                                                                                                                                                                                            Sequence 467, Application US/10942560 Publication No. US20050209180A1 GENERAL INFORMATION: APPLICANT: Jadhav, Vasant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 498, Application US/10942560
; Publication No. US20050209180A1
; GENERAL INFORMATION:
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83.3%;
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Zinnen, Shawn
Vaish, Narendra
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Best Local Similarity 83.3
Matches 10; Conservative
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            13 GGGGTCCTGGAG
                                                                                                                                RESULT 66
US-10-942-560-467/c
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APPLICANT: Rossen, Karl
APPLICANT: Stanen, Savan
APPLICANT: Stanen, Savan
APPLICANT: Vaish, Marcanta
APPLICANT: Vaish, Marcanta
APPLICANT: Sinen, Savan
APPLICANT: Sinen, Savan
APPLICANT: Sinen therapeutics, Inc.
ITILE OF INVENTION: Rax Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
ITILE OF INVENTION: Rax Inserted May Short Interfering Nucleic Acid (sinh)
FILE REPERBNCE: 02-763-1 (400/234)
CURRENT APPLICATION NUMBER: US/10/942,560
CURRENT APPLICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: 06/401,104
PRIOR APPLICATION NUMBER: 010/401,104
PRIOR APPLICATION NUMBER: US 10/626,966
PRIOR APPLICATION NUMBER: US 10/626,966
PRIOR APPLICATION NUMBER: US 10/636,966
PRIOR APPLICATION NUMBER: US 10/630,969
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-05-23
PRIOR FILING 
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Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 1705
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1241
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 466, Application US/10942560 Publication No. US20050209180A1 GENERAL INFORMATION: APPLICANT: Jadhav, Vasant
                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 12; Conservative
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Gaps

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1 GGGGUCCUGGAG 12

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GENERAL INFOGRATION:
APPLICANT: Jadhav, Vasant
APPLICANT: Jadhav, Vasant
APPLICANT: Sosean, Karıl
APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Stand Thereference Mediated Inhibition Of Hepatitis C Virus
TITLE OF INVENTION: EMPERENCE: 02-763-1 (400/234) Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: EMPERENCE: 02-763-1 (400/234) Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: EMPERENCE: 02-763-1 (400/234) Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: WHOMER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US04/01-10
PRIOR APPLICATION NUMBER: PCT/US04/01-10
PRIOR APPLICATION NUMBER: PCT/US04/01-10
PRIOR APPLICATION NUMBER: PCT/US04/01-10
PRIOR PLING DATE: 2004-04-16
PRIOR PLING DATE: 2004-01-16
PRIOR PLING DATE: 2004-01-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR PLING DATE: 2003-10-23
PRIOR PLING DATE: 2003-10-23
PRIOR PLING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR PLING DATE: 2003-10-23
PRIOR PLING DATE: 2003-10-23
PRIOR PLING DATE: 2003-10-23
PRIOR PLING DATE: 2003-05-23
PRIOR PRIOR APPLICATION NUMBER: US 10/7444,853
PRIOR PLING DATE: 2003-05-23
PRIOR PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR PLING DATE: 2003-05-23
PRIOR PLING DATE: 2003-05-
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR FILING DATE: 2003-10-23
PRIOR FILING DATE: 2003-05-23
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEC 1D NOS: 2031
SOFTWARE: PatentIn version 3.3
SEQ 1D NO 500
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence: sinA target US-10-942-560-500
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Pred. No. 1.5e+03;
2; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 502, Application US/10942560 Publication No. US20050209180A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 66.7%;
Best Local Similarity 83.3%;
Matches 10; Conservative
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GGGGUCCUGGAG 12
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14 GGGTCCTGGAG 3
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SEQ ID NO 502
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APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Sirna Therapeutics, Inc.
TITLE OF INVENTION: RNA Inferference Mediated Inhibition Of Hepatitis C Virus (HCV)
TITLE OF INVENTION: RNA Inferference
TITLE OF INVENTION: RNA DISCARLANCE
TITLE OF INVENTION: RNA STATE 2004-09-15
CURRENT PAPLICATION NUMBER: US/10/942.560
CURRENT FILING DATE: 2003-09-16
PRIOR PAPLICATION NUMBER: DCT/US03/05043
PRIOR PLING DATE: 2002-03-26
PRIOR FILING DATE: 2002-03-26
PRIOR PLING DATE: 2002-08-05
PRIOR PLING DATE: 2004-08-05
PRIOR PLING DATE: 2004-08-05
PRIOR PLING DATE: 2004-08-05
PRIOR PLING DATE: 2004-08-05
PRIOR FILING DATE: 2004-08-05
PRIOR FILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-04-16
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NUMBER OF SEQ ID NOS: 2031
SOFTWARE: PatentIn version 3.3
SEQ ID NO 498
LENGTH: 19
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                                        CURRENT AFFILCATION NOMBER: US/10/944,300
CURRENT FILING DATE: 2004-09-15
PRIOR PELICATION NUMBER: US 10/667,271
PRIOR PELICATION NUMBER: PCT/US03/05043
PRIOR PELING DATE: 2003-02-16
PRIOR PELING DATE: 2003-02-20
PRIOR PELING DATE: 2002-03-26
PRIOR PELING DATE: 2002-03-26
PRIOR PELING DATE: 2002-03-60
PRIOR PELING DATE: 2004-03-60
PRIOR PELING DATE: 2004-04-16
PRIOR PELING DATE: 2004-03-14
PRIOR PELING DATE: 2004-1-14
PRIOR PELING DATE: 2003-11-24
PRIOR PELING DATE: 2003-10-23
PRIOR PELING DATE: 2003-10-23
                      CURRENT APPLICATION NUMBER: US/10/942,560
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FILING DATE: 2004-01-14
APPLICATION NUMBER: US 10/720,448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
ORGANISM: Artificial Sequence
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Matches 10; Conservative
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APPLICANT: Kossen, Karl
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Wish, Narendra
APPLICANT: Wish, Narendra
APPLICANT: Sirna Therapeutics, Inc.
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION NUMBER: US/10/942,560
CURRENT APPLICATION NUMBER: US/067,271
PRIOR PILING DATE: 2003-09-16
PRIOR PILING DATE: 2003-09-16
PRIOR PILING DATE: 2002-09-20
PRIOR FILING DATE: 2002-09-26
PRIOR FILING DATE: 2002-09-26
PRIOR FILING DATE: 2002-09-5
PRIOR FILING DATE: 2002-09-5
PRIOR FILING DATE: 2002-09-5
PRIOR FILING DATE: 2004-05-54
PRIOR FILING DATE: 2004-05-54
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Pred. No. 1.5e+03;
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                              Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.3 SEQ ID NO 544
LENGTH: 19
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Best Local Similarity 83.3:
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APPLICANT: Zinnen, Shawn
APPLICANT: Applicant: Applicant: Applicant: Mcswiggen, James
APPLICANT: Mcswiggen, James
APPLICANT: Mcswiggen, James
APPLICANT: Sirna Therapeutics, Inc.
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION NUMBER: US 10/667,271
PRIOR FILING DATE: 2003-09-16
PRIOR PILING DATE: 2003-09-16
PRIOR PILING DATE: 2003-09-16
PRIOR PILING DATE: 2003-09-16
PRIOR PILING DATE: 2003-09-24
PRIOR PILING DATE: 2004-01-16
PRIOR PILING DATE: 2004-01-14
PRIOR PILING DATE: 2004-01-16
PRIOR PILING DATE: 2003-11-24
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                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: siNA target
US-10-942-560-538
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                           Indels
Pred. No. 1.5e+03;
2; Mismatches 0;
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                                                                                                                                                                                                                                                         Sequence 538, Application US/10942560 Publication No. US20050209180A1 GENERAL INFORMATION: APPLICANT: Jadhav, Vasant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
83.3%;
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APPLICANT: Kossen, Karl
APPLICANT: Zinnen, Shawn
APPLICANT: Vaish, Narendra
                        10; Conservative
                                                                             1 GGGGUCCUGGAG 12
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15 GGGTCCTGGAG 4
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Best Local Similarity
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LENGTH: 19
                           Matches
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Gaps

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APPLICANT: January, Vasant
APPLICANT: Sinnen, Slawn
APPLICANT: Sinnen, Skapettics, Inc.
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
CURRENT APPLICATION NUMBER: US/067,271
PRIOR APPLICATION NUMBER: DCT/US02/09187
PRIOR PELING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-06-24
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-06-24
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR PLING DATE: 2003-10-23
PRIOR FILING DATE: 2003-10-24
PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                                             Gaps
                     ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense US-10-942-560-1162
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                                                                                                                                             Length 19;
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                                                                                                                                         66.7%; Score 12; DB 22; L
100.0%; Pred. No. 1.5e+03;
iive 0; Mismatches 0;
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100.0%; Pred. No. 1.5e+03;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                              7 GGGUCCUGGAG 18
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                                                                                                                               Query Match
Best Local Similarity
Matches 12; Conserv
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          FEATURE:
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APPLICANT: AGREEM, Karl
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Sinnen, Shawn
APPLICANT: Sinnen, Shawn
APPLICANT: Sinnen, Shawn
APPLICANT: Sinnen Therapeutics, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 02-65-1 (400/23)
FILE REPERENCE: 02-66-1 (400/23)
FILE REPERENCE: 2003-09-16
CURRENT APPLICATION NUMBER: US 10/66/221
PRIOR APPLICATION NUMBER: PCT/US03/0503
PRIOR PPLING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-30
PRIOR PLING DATE: 2004-09-15
PRIOR PPLICATION NUMBER: PCT/US03/0503
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR PLING DATE: 2004-01-14
PRIOR PLING DATE: 2004-01-14
PRIOR PLING DATE: 2004-01-14
PRIOR PRILING DATE: 2004-01-14
PRIOR PLING DATE: 2004-01-14
PRIOR PLING DATE: 2003-02-3
PRIOR PLING DATE: 2003-02-3
PRIOR PLING DATE: 2003-02-3
PRIOR PLING DATE: 2003-02-3
PRIOR PLING DATE: 2003-03-16-33
PRIOR PLING DATE: 2003-03-16-33
PRIOR PLING DATE: 2003-05-23
PRIOR PLING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR PLING DATE: 2003-05-23
PRIOR PLING DATE: PADELICATION DATE: 2003-05-23
PRIOR PLING DATE: PADELICATION DATE: 2003-05-23
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PRIOR FULLING DATE: 2004-04-16
PRIOR FILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-01-14
PRIOR FILING DATE: 2004-01-14
PRIOR FILING DATE: 2004-01-14
PRIOR FILING DATE: 2004-01-14
PRIOR PLICATION NUMBER: US 10/720,448
PRIOR PLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-10-23
PRIOR FILING DATE: 2003-05-23
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Pred. No. 1.5e+03;
Pred. No. 1.5e+03; Indels
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Best Local Similarity 83.3%;
Matches 10; Conservative
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ORGANISM: Artificial Sequence
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LENGTH: 19
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APPLICANT: Variant National Applicants Applicant: Sirna Therapeutics, Inc.

APPLICANT: Sirna Therapeutics, Inc.

TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Hepatitis C Virus (HCV);

TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinh)

TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinh)

CURRENT APPLICATION NUMBER: US/10/942,560

CURRENT PILING DATE: 2004-09-15

PRIOR PILING DATE: 2003-09-16

PRIOR PILING DATE: 2003-09-16

PRIOR PILING DATE: 2003-09-6

PRIOR PILING DATE: 2002-03-26

PRIOR PILING DATE: 2002-03-26

PRIOR PILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-01-14

PRIOR PILING DATE: 2003-10-23

PRIOR PILING DATE: 2003-10-23
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: 60/401,104
PRIOR APPLICATION NUMBER: 60/401,104
PRIOR FILING DATE: 2002-08-05
PRIOR PILING DATE: 2004-05-24
PRIOR FILING DATE: 2004-05-24
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR PILING DATE: 2003-11-24
PRIOR PILING DATE: 2003-10-23
PRIOR FILING DATE: 2003-10-23
PRIOR PILING DATE: 2003-10-23
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66.7%; Score 12; DB 22; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 12; Conservative 0; Mismatches 0; Indels
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; Publication No. US20050209180A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Zinnen, Shawn
Vaish, Narendra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-942-560-1198
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APPLICANT:
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                                                                    APPLICANT: Kossen, Karl
APPLICANT: Kossen, Karl
APPLICANT: Kossen, Karl
APPLICANT: Allanen, Shawn
APPLICANT: Allanen, Shawn
APPLICANT: Waish, Narendra
APPLICANT: Washiggen, James
APPLICANT: Washiggen, James
APPLICANT: Sirma Thespeutice, Inc.
ITILE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
ITILE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
FILE REPERENCE: 02-763-1 (400/234)
CURRENT APPLICATION NUMBER: US 10/667,271
PRIOR APPLICATION NUMBER: US 10/667,271
PRIOR PILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR APPLICATION NUMBER: US 10/401,104
PRIOR APPLICATION NUMBER: US 10/402.966
PRIOR APPLICATION NUMBER: US 10/402.966
PRIOR APPLICATION NUMBER: US 10/402.966
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/693.059
PRIOR APPLICATION NUMBER: US 10/693.059
PRIOR PLING DATE: 2003-00-10-23
PRIOR APPLICATION NUMBER: US 10/693.059
PRIOR PLING DATE: 2009-00-10-3
PRIOR APPLICATION NUMBER: US 10/693.059
PRIOR PLING DATE: 2009-00-10-3
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APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Sirna Therapeutics, Inc.
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION: UNMBER: US 10/647,271
PRIOR APPLICATION NUMBER: US 10/667,271
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1196, Application US/10942560 Publication No. US20050209180A1 GENERAL INFORMATION: APPLICANT: Jadhav, Vasant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
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Matches 12; Conservative
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GREACAL INCOMENTION:
APPLICANT: Jadhar, Vasant
APPLICANT: Adahar, Vasant
APPLICANT: Zinnen, Shawn
APPLICANT: Zinnen, Shawn
APPLICANT: Vaich, Narendra
APPLICANT: Wessen, James
APPLICANT: Wessen, James
APPLICANT: Wish Marendra
APPLICANT: Sirna Therapeutice, Inc.
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 0.2 - 76.3 1 (400/234)
FILE REPERENCE: 0.2 - 76.3 1 (400/234)
FRIOR PILING DATE: 2004-09-16
FRIOR PILING DATE: 2003-09-16
FRIOR PILING DATE: 2003-03-26
FRIOR PILING DATE: 2004-03-26
FRIOR PILING DATE: 2004-03-26
FRIOR PILING DATE: 2004-03-26
FRIOR PILING DATE: 2004-04-10-4
FRIOR PILING DATE: 2004-01-14
FRIOR FILING DATE: 2004-01-12
FRIOR FILING DATE: 2004-01-13
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Sequence 1241, Application US/10942560

Sequence 1241, Application US/10942560

Sequence 1241, Application US/20050209180A1

Sequence 1241, Application US/10942560

GENERAL INFORMATION:
APPLICANT: Jadhav, Vasant
APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Wish, Narendra
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Sirna Therapeutics, Inc.
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
FILE REPRENCE: 02-763-1 (400/234)
CURRENT APPLICATION NUMBER: US/10/942,560

CURRENT FILING DATE: 2004-09-15
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US-10-942-560-1240
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                                                                                                 Sequence 1240, Application US/10942560 Publication No. US20050209180A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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Best Local Similarity
Local 12; Conserve
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APPLICANT: Vaish, Narendra
APPLICANT: Vaish, Narendra
APPLICANT: Will, Narendra
APPLICANT: Will, Narendra
APPLICANT: Sirna Therapeurica, Inc.
TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 02-763-1 (400/234)
CURRENT APPLICATION NUMBER: US/10/342,560
CURRENT PILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: US/10/42,560
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR FILING DATE: 2002-03-26
PRIOR PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-08-05
PRIOR FILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-01-14
PRIOR FILING DATE: 2003-10-23
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                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense
US-10-942-560-1198
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PRIOR FILING DATE: 2003-05-23
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2031
SOFTWARE: Patentin version 3.3
SEQ ID NO 1234
LENGTH: 19
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 12; Conservative 0; Mismatches 0;
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SOFTWARE: Patentin version 3.3
SEQ ID NO 1198
LENGTH: 19
                                                                                                                                              ORGANISM: Artificial Sequence
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Zinnen, Shawn
Vaish, Narendra
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Best Local Similarity 100.
Matches 12; Conservative
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US-08-887-505-19
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       PRIOR FILING DATE: 2001-09-16, PRIOR FILING DATE: 2001-09-16, PRIOR PELICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US03/05043
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR PILING DATE: 2002-08-06, PRIOR PELING DATE: 2004-06-16
PRIOR APPLICATION NUMBER: PCT/US 04/16390
PRIOR APPLICATION NUMBER: PCT/US 04/16390
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILING DATE: 2004-04-16
PRIOR PILING DATE: 2004-01-14
PRIOR PILING DATE: 2004-01-14
PRIOR PILING DATE: 2004-01-124
PRIOR PILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR PILING DATE: 2003-10-23
PRIOR PILING DATE: 2003-10-23
PRIOR PILING DATE: 2003-05-23
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US-08-887-505-19
Sequence 19, Application US/08887505
Sequence 19, Daylication US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfer, Debra M.
TITLE OF INVENTION: HERATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and hord.
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

APPLICATION NUMBER: US/08/887,505
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 12; Conservative 0; Mismatches 0;
PRIOR APPLICATION NUMBER: US 10/667,271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 60 State Street
CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.3 SEQ ID NO 1241 LENGTH: 19
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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Pred. No. 1.4e+03;
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APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 20, Application US/08887505; Publication No. US20020081577A1; GENERAL INFORMATION:
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: KETNEY, ANN-LOUISE
REGISTRATION NUMBER: 33-523
REFERENCE/DOCKET NUMBER: 41X2-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEPHAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
TOPOLOGY: linear
MOLECTLE TYPE: DNA
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STREET: 60 State Street
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REGISTRATION NUMBER: 33.523
REFERENCE, DOCKET NUMBER: HT
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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US-10-169-371-48/C
US-10-169-371-48/C
Sequence 48, Application US/10169371
Sequence 48, Application No. US2030175729A1
Sequence 48, Application No. US2030175729A1
GENERAL INFORMATION:
APPLICANT: VAN ELJK, Michael Josephus
APPLICANT: HEIJNEN, Leo
TITLE OF INVENTION: Method for generating oligonuclectides, in particular for the
TITLE OF INVENTION: detection of amplified restriction fragments obtained using AFLP
                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Deletion fragment in a deletion fragment library, including a por OTHER INFORMATION: tion of a multiple cloning site.
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Sequence 12, Application US/10008140B

Sequence 12, Application US/10008140B

Sequence 12, Application US/10008140B

Sequence 12, Application Os. US20030124512A1

GENERAL INFORMATION:

APPLICANT: Pharmasset, Ltd.

APPLICANT: Pharmasset, Ltd.

APPLICANT: Stuyver, Lieven

TITLE OF INVENTION: Simultaneous Quantification of Nucleic Acids in Diseased Cells
FILE REFERENCE: 08841. 105621

CURRENT APPLICATION NUMBER: US/10/008,140B

CURRENT FILING DATE: 2001-10-18

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn version 3.1

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Pred. No. 1.4e+03;
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66.7%; Score 12; DB 15;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 10; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR FILING DATE: 2000-12-04
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-03-8
PRIOR APPLICATION NUMBER: US 60/107,504
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOCTWARE: PALENTIN VERSION 3.1
SEQ ID NO 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 66.7%;
Best Local Similarity 91.7%;
Matches 11; Conservative 1
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                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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COTHER INFORMATION: The "n" in the sequence means a or g or c or US-10-291-230-49
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                                                                                                                                                                                                                                           Score 12; DB 8; Length 20;
Pred. No. 1.4e+03;
2; Mismatches 0; Indels
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APPLICANT: Refer, Duane E.
APPLICANT: Refer, Michael L.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
FILE REFERENCE: T6678 US.
CURRENT APPLICATION WUMBER: US/10/291,230
CURRENT APPLICATION WUMBER: US 99/647,344
PRIOR FILING DATE: 2002-11-07
PRIOR FILING DATE: 2002-12-04
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-10-35
PRIOR FILING DATE: 1998-10-35
PRIOR FILING DATE: 1998-11-06
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APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US.B
CURRENT APPLICATION NUMBER: US/10/291,249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 49, Application US/10291230 Publication No. US20030108939A1 GENERAL INFORMATION:
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; Sequence 49, Application US/10291249
; Publication No. US20030119041A1
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APPLICANT: Ruffner, Duane E.
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                              66.7%;
83.3%;
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Best Local Similarity 83.3
Matches 10; Conservative
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     LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
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                                                                                  ; TOPOLOGY: linear; MOLECULE TYPE: DNA; HYPOTHETICAL: NO; ANTI-SENSE: YES US-08-887-505-20
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Best Local Similarity
Matches 11; Conserv
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LENGTH: 20
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RESULT 89
US-11-006-313-7/c
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Sequence 7, Application US/09747419
Patent No. US20020155582A1
GENERAL INFORMATION:
APPLICANT: Lemon, Stanley
APPLICANT: Yi, MinKyung
TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
FILE REFERENCE: 265.0007 0101
CURRENT APPLICATION NUMBER: US/09/747,419
PRIOR APPLICATION NUMBER: US 60/171,909
PRIOR PILING DATE: 1999-12-23
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FILE REFERENCE: VAN EIJK=2
CURRENT APPLICATION NUMBER: US/10/169,371
CURRENT FILING DATE: 2002-07-01
FINIOR APPLICATION NUMBER: EPC 99204614.4
FRIOR FILING DATE: 1999-12-29
FRIOR FILING DATE: 2000-112-28
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin version 3.2
LENGTH: 20
                                                                                                                                                                                                                                                                                   NAME/KEY: misc feature
LOCATION: (1). (14)
OTHER INFORMATION: n is a, c, g, or t
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NAME/KEY: misc_difference
CCATION: (1)...(1)
OTHER INFORMATION: LC640 labeled
US-09-747-419-7
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SOFWARE: Patentin version 3.0
SEQ ID NO LENGTH: 21
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Best Local Similarity 83.3.
Best Local Similarity 83.3.
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Best Local Similarity 91.7
Matches 11, Conservative
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                                                                                                                                                                                                                   ORGANISM: Artificial
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                                                                                                                                                                                                    TYPE: DNA
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APPLICANT: Lemon, Stanley M.
APPLICANT: Lemon, Stanley M.
APPLICANT: Lemon, Stanley M.
TITLE OF INVENTION: REPLICATION COMPETENT HEPATITIS C VIRUS AND METHODS OF USE
FILE REFERENCE: 265.0007 0121
CURRENT APPLICATION NUMBER: US/11/006,313
CURRENT FILING DATE: 2004-12-06
PRIOR PELIOR OF THE 1999-12-23
PRIOR APPLICATION NUMBER: US 60/171,909
PRIOR APPLICATION NUMBER: US 10/259,275
PRIOR APPLICATION NUMBER: US 09/747,419
PRIOR FILING DATE: 2000-12-23
PRIOR FILING DATE: 2000-12-23
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-09-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 66.7%; Score 12; DB 15; Best Local Similarity 83.3%; Pred. No. 1.4e+03; Matches 10; Conservative 2; Mismatches 0.
CURRENT APPLICATION NUMBER: US/10/259,275
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: US 60/171,909
PRIOR FILING DATE: 1999-12-23
PRIOR FILING DATE: 2000-12-33
PRIOR PILING DATE: 2000-12-33
PRIOR PILING DATE: 2001-09-27
PRIOR PILING DATE: 2001-09-27
PRIOR FILING DATE: 2011-03-38,123
PRIOR FILING DATE: 2011-03-37
PRIOR FILING DATE: 2011-03-37
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/11006313; Publication No. US20050153281A1; GENERAL INFORMATION:
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) LOCATION: (1)..(1)
; OTHER INFORMATION: LC640 labeled
US-11-006-313-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Red probe
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FEATURE:
OTHER INFORMATION: Portion of an intermediate in the making of a deletion library, i offer INFORMATION: portion of a multiple cloning site.
FEATURE:
NAME/KEY: misc_feature
I.OCATION: (1)...(16)
COTHER INFORMATION: The "n" in the sequence means a or g or c or t/u.
US-10-291-249-38
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APPLICANT: WAN EJAK, Michael Josephus Theresia
APPLICANT: HGGERS, Rene Cornelis Josephus
APPLICANT: HEIJNEN, Leo
APPLICANT: HEIJNEN, Leo
TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
TITLE OF INVENTION: MOMBER: US/10/169,371
CURRENT APPLICATION NUMBER: US/10/169,371
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: PCT/NL00/00963
PRIOR FILING DATE: 2000-12-28
NUMBER: PS EQ ID NOS: 95
SOFTWARE: Patentin version 3.2
SEQ ID 0.47
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APPLICANT: JOHB, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
TITLE OF INVENTION: LIBRARIES OF CDNAS
FILE REFERENCE: 0109015/026
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                                                                                                                                                                                                                                                                              Ouery Match 66.7%; Score 12; DB 15; Length 22; Best Local Similarity 91.7%; Pred. No. 1.4e+03; Matches 11; Conservative 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 47, Application US/10169371 Publication No. US20030175729A1 GENERAL INFORMATION:
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; OTHER INFORMATION: n is a, c,
US-10-169-371-47
                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: synthetic
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LOCATION: (7)..(22)
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ORGANISM: Artificial
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OTHER INFORMATION: Portion of an intermediate in the making of a deletion library,
OTHER INFORMATION: ncluding a portion of a multiple cloning site.
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NAME/KEY: misc feature
LOCATION: (1)...(16)
COTHER INFORMATION: The "n" in the sequence means a or g or c or US-10-291-230-38
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Best Local Similarity 91.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 1; Mismatches 0; Indels
                                                                                                                                                  Sequence 38, Application US/10291230
; Sequence 38, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
    APPLICANT: Ruffner, Duane E.
    APPLICANT: Cherce, Michael L.
    APPLICANT: Cherce, Michael L.
    APPLICANT: Cherce, Michael L.
    APPLICANT: Cherce, Michael L.
    APPLICANT: Pierce, Michael L.
    APPLICANT: Cherce, Michael L.
    APPLICANTON: Directed Antisense Libraries
    FILE REFERENCE: T6679 US. A
    CURRENT APPLICATION NUMBER: US 09/647,344
    PRIOR FILING DATE: 2000-11-07
    PRIOR FILING DATE: 2000-12-04
    PRIOR FILING DATE: 1999-03-28
    PRIOR PILING DATE: 1999-03-28
    PRIOR APPLICATION NUMBER: US 60/107,504
    PRIOR PILING DATE: 1998-01-06
    NUMBER OF SEQ ID NOS: 50
    SOFTWARE: PatentIn version 3.1
    SEQ ID NO 38
    LENGTH . 20
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APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US.B
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR PILING DATE: 1999-03-28
PRIOR PILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin version 3.1
SEQTURANT: 22
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Publication No. US20030119041A1
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
1 GGGGUCCUGGAG 12
                           21 GGGGTCCTGGAG 10
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SEQ ID NO 22
LENGTH: 22
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GENERAL INFORMATION:

APPLICANT: LADNER, ROBERT C.

APPLICANT: COHEN, EDWARD H.

APPLICANT: ROCKEY, KRISTIN L.

APPLICANT: BOOKEY, KRISTIN L.

APPLICANT: BOOKEY, KRISTIN L.

APPLICANT: OF INVENTION: OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL

TITLE OF INVENTION: LIBRARIES

TITLE OF INVENTION: LIBRARIES

FILE REPERBENCE: 2001-10-25

CURRENT PAPLICATION NUMBER: 60/198,069

PRIOR FILING DATE: 2000-04-17

PRIOR FILING DATE: 2001-04-17

PRIOR FILING DATE: 2001-04-17

SEQ ID NO3: 635

SOFTWARE: PATENTIN VET. 2.1

LENGTH: 22

WANDER OF SEQ ID NOS: 635

LENGTH: 22

WANDER OF SEQ ID NO3: 635

LENGTH: 22
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LOCATION: (7)..(22)
CTHER INFORMATION: a, t, c, g, other or unknown
US-10.-092-885-59
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CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SEQ TWARE: PatentIn Ver. 2.1
SEQ ID NO 59
LENGTH: 22
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; Publication No. US20040053284A1
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ORGANISM: Artificial Sequence
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Best Local Similarity 91.7%;
Matches 11; Conservative
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NAME/KEY: modified base
                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
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US-10-399-843-4
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APPLICANT: Andrus, Linda
APPLICANT: Michols, Carmen Nicola
APPLICANT: Nichols, Carmen Nicola
TITLE OF INVENTION: Universal Multi-Variant Detection System
FILE REPERENCE: 454-30 PCT/US
CURRENT APPLICATION NUMBER: US/10/399,843
CURRENT APPLICATION NUMBER: PCT/US02/12035
FRIOR APPLICATION NUMBER: PCT/US02/12035
FRIOR FILING DATE: 2002-04-17
FRIOR FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Version 3.1
SEQ ID NO 4
LENGTH: 22
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Pred. No. 1.4e+03;
2; Mismatches 0; Indels
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Pred. No. 1.4e+03;
1; Mismatches 0; Indels
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Sequence 22, Application US/10702228A

Sequence 22, Application US/10702228A

Publication No. US20050074785A1

GENERAL INFORMATION:

APPLICANT: Slater, Michael R.

APPLICANT: Hartnett, deith V.

APPLICANT: Hartnett, dector Robert

APPLICANT: Promega Corporation

TITLE OF INVENTION: Vectors for Directional Cloning

FILE REFERENCE: 341.030US1

CURRENT APPLICATION NUMBER: US/10/702,228A

CURRENT FILING DATE: 2003-11-05

PRIOR APPLICATION WIMBER: US/678,961

PRIOR APPLICATION WIMBER: 10/678,961

PRIOR FILING DATE: 2003-10-03

NUMBER OF SEQ ID NOS: 92

SOSTWARE: FRSESQ for Windows Version 4.0
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; LOCATION: 7-22
; OTHER INFORMATION: n = A, T, G, or US-10-702-228A-22
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Best Local Similarity 83.3%;
Matches 10; Conservative
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Best Local Similarity 91.7
Matches 11; Conservative
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Sequence 111, Application US/10053883

Publication No. US20030113737A1

GENERAL INFORMATION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION

TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION

FILE REFERENCE: PEDERSENA=1A

CURRENT APPLICATION NUMBER: US/10/053, 883

CURRENT FILING DATE: 2002-01-02

PRIOR APPLICATION NUMBER: US 60/267,704

PRIOR PILING DATE: 2001-01-24

PRIOR FILING DATE: 2001-02-12

NUMBER OF SEQ ID NOS: 148

SOFTWARE: PATENTIN VEYENION 3.1

SEQ ID NO 111
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1 LOCATION: (7)...(23)

2 OTHER INFORMATION: n is a, c, g or

US-10-053-883-111
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91.7%;
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Best Local Similarity 91.7
Matches 11, Conservative
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Pred. No. 1.4e+03;
1; Mismatches 0; Indels
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| Sequence 22, Application US/10987411
| Publication No. US20050130205A1
| GENERAL INFORATION:
| APPLICANT: Slater, Michael R.
| APPLICANT: Strauss, Ethan Edward
| APPLICANT: Hartnett, James Robert
| APPLICANT: Promega Corporation
| APPLICANT: Promega Corporat
US-10-678-961B-22

Sequence 22, Application US/10678961B

Publication No. US20050074883A1

SENERAL INFORMATION:
APPLICANT: Stater, Michael R.
APPLICANT: Stater, Michael R.
APPLICANT: Wood, Reith V.
APPLICANT: Hartnett, James Robert
APPLICANT: Hartnett, James Robert
APPLICANT: Hartnett, James Robert
APPLICANT: Promega Corporation
TITLE REFERENCE: 341.021MS1
CURRENT APPLICATION NUMBER: 10510/678,961B
CURRENT FILING DATE: 2003-10-03
NUMBER OF SEQ ID NOS: 91
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 22

LENGTH: 22

WORLD NO 22

HENGTH: 22
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LOCATION: 7-22
OTHER INFORMATION: n = A, T, G, or C
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ilarity 91.7%;
Conservative
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Best Local Similarity 91.7%;
Matches 11; Conservative
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| LOCATION: 7-22
| OTHER INFORMATION: n = A, T,
US-10-678-961B-22
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nes 11; Conserv
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US-10-053-883-112/C
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US-10-053-883-112/C
US-10-053-883-112/C
US-10-053-883-112/C
US-10-053-883-112/CATION
UNDERSON MOTER LOPERTZ POR ANALYZING GENE EXPRESSION
FILE REFERENCE: PEDERSENA=1A
CURRENT APPLICATION NUMBER: US/10/053,883
CURRENT FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: PA 2001 00126
PRIOR APPLICATION NUMBER: US 60/267,704
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 148
SOFTWARE: PatentIn version 3.1
SEQ ID NO 112
LENGTH: 23
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LOCATION: (1)...(17)
OTHER INFORMATION: n is a, c, g or t
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Length 24;
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Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Poter C.
APPLICANT: Roberts, Deter M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
       APPLICANT: Roberts, Perical Reprint Roberts, Perican Repricant: Roberts, No. US20020081577A11 A. APPLICANT: Walther, Debra M. TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 12; DB 8; I
Pred. No. 1.4e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UTN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                          ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                              E: Hale and Dorr LLP
60 State Street
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ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
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Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
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STREET: 60
TMV: Boston
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US-08-887-505-55
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                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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Pred. No. 1.4e+03;
2; Mismatches 0; Indels
                                                                                                                                                                              APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Woberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 02109
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PILING DATE:
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UNN-1995
ATORNEY/AGENT INFORMATION:
NAME: KENTEY, AND-LOUISE
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELEPHONE: (617) 526-6000
TELEPAX: (617) 526-6000
TELEPAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
                                                                                      US-08-887-505-48; Sequence 48, Application US/08887505; Publication No. US20020081577A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-887-505-55; Sequence 55, Application US/08897505; Publication No. US20020081577A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kilkuskie, Robert E. APPLICANT: Frank, Bruce L. APPLICANT: Goodchild, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENCTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGTCCTGGAG 12
23 CTGGAGNNNNNN 12
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US-08-887-505-48
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STATE: M.
COUNTRY:
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APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIF: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 12; DB 8; I
Pred. No. 1.4e+03;
2; Mismatches 0,
                                                                     FILLING DATE: 06-UTN-1995
ATTORNEY/AGENT INFORMATION:
NAME: REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-600
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UNN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 58, Application US/08887505; Publication No. US20020081577A1 GENERAL INFORMATION:
APPLICANT: Frank, Bruce L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Hale and Dorr LLP STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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13 GGGTCCTGGAG 24
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US-08-887-505-57
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UNN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 12; DB 8; Le
Pred. No. 1.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Kerner, Ann-Louise
REGISTAATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 47,523
RELEPAX: (617) 526-6000
RELEPAX: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-887-505-57; Sequence 57, Application US/08887505; Publication No. US20020081577A1; GENERAL INFORWATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%; Sco.
100.0%; Pre
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60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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STREET: by
TTY: Boston
                               USA
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                               COUNTRY: U
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US-08-887-505-56
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Pred. No. 1.4e+03;
2; Mismatches 0; Indels
                     66.7%; Score 12; DB 8; Length 24; 83.3%; Pred. No. 1.4e+03; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                     Sequence 60, Application US/08897505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E. APPLICANT: Goodchild, John APPLICANT: Roberts, Peter C. APPLICANT: Hamlin, Jr., Henry A. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, No. US20020081577A11 A. APPLICANT: Woherts, No. US20020081577A11 A. APPLICANT: WINTENTON: OLIGONOCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 02109
ZOUPUTER READABLE FORM:
MEDIUT TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECHONICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.7%;
                   Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10, Conservative
                                                                                                   1 GGGGUCCUGGAG 12
                                                                                                                                         13 GGGGTCCTGGAG 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA
                                                                                                                                                                                                   RESULT 107
US-08-887-505-60
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Pred. No. 1.4e+03;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Walther, Debra M.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEAPITITIS C VIRUS NUMBER OF SEGUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dory IID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTONREY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                      2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 59, Application US/08887505
Publication No. US20020081577A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                           Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
(617) 526-5000
              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                              1 GGGGUCCUGGAG 12
                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-887-505-59
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                                                                                                                                                             HYPOTHETICAL:
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US-08-887-505-58
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TELEFAX:
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Query Match
66.7%; Score 12; DB 8; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 10; Conservative 2; Mismatches 0; Indels
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US-08-887-505-63

Squence 63, Application US/08887505

Publication No. US20020081577A1

GENERAL INFORMATION:

APPLICANT: Kilkuskie, Robert E.

APPLICANT: Frank, Bruce L.

APPLICANT: Wolfe, Jia L.

APPLICANT: Roberts, Peter C.

APPLICANT: Roberts, Peter C.

APPLICANT: Roberts, Peter C.

APPLICANT: Roberts, No. US20020081577A11 A.

APPLICANT: Roberts, No. US2002008157A11 A.

APPLICANT: Roberts, No. US2002008157A11 A.

APPLICANT: Roberts, No. US2002008157A1 
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
TITLE OF INVENTION: HEPATITIS C VIRUS
CORRESPONDENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UTN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 4YZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPAX: (617) 526-6000
TELEPAX: (617) 526-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                  STATE: MA
COUNTRY: USA
ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ANTI-SENSE: YES
US-08-887-505-62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
HYPOTHETICAL: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  02109
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Pred. No. 1.4e+03;
2; Mismatches 0; Indels
US-08-887-505-61

Sequence 61, Application US/08887505

Publication No. US/02020081577A1

Publication No. US/02020081577A1

PublicanT: Kilkuskie, Robert E. APPLICANT: Frank, Bruce L. APPLICANT: Wolfe, Jia L. APPLICANT: Wolfe, Jia L. APPLICANT: Roberts, Peter C. APPLICANT: Roberts, Debra M. APPLICANT: Roberts, Debra M. APPLICANT: Roberts, No. US2020081577A11 A. APPLICANT: Walther, Debra M. TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS NUMBER OF SEQUENCES: 172

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
PLICATION NUMBER: US/08/887,505 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Kilkuskie, Robert E.
Frank, Bruce L.
Goodchild, John
Wolfe, Jia L.
Roberts, Peter C.
Hamlin, Jr., Henry A.
Roberts, No. U820020081577A11 A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33.523
REFERENCE/DOCKET NUMBER: 472-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDENRES: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 62, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             66.7%;
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA HYPOTHETICAL: NO ANT CTATE
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STREET: 60 -
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STATE: MA
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              02109
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US-08-887-505-61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-887-505-62
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Pred. No. 1.4e+03;
0; Mismatches 0; Indels
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APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Roberts, Debra M.
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 41%2-040CIP
TELECOMMUNICATION INFORMATION:
TELEPRONE: (617) 526-6000
TELEFAX: (617) 526-5000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
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REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION:
TELEPHONE: (617) 526-6000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UIN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 65, Application US/08887505; Publication No. US20020081577A1 GENERAL INFORMATION: APPLICANT: Kilkuskie, Robert E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 66.7%; So
Best Local Similarity 100.0%; P
Matches 12; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Hale and Dorr LLP
60 State Street
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INFORMATION FOR ABO ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ANTI-SENSE: YES
US-08-887-505-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MA
USA
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ZIP: 02109
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 112
US-08-887-505-65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS C VIRUS
           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Modife, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS: ADDRESSE: AD
                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 514

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTONNEY, AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 4YZ-040CIP
TELECHONE: (617) 526-6000
TELECHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-887-505-64
Sequence 64, Application US/08887505
Publication No. US2020081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-887-505-63
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Gaps

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100.0%; Preq. ...
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PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORWATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEPHONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 148:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 115
US-08-887-505-149
Sequence 149, Application US/08887505; Publication No. US2002081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA/RNA
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Best Local Similarity
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MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
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                                                                                                                                                                                                                                                                         Query Match 66.7%; Score 12; DB 8; Length 24; Best Local Similarity 100.0%; Pred. No. 1.4e+03; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 113
US-08-887-505-66
Sequence 66, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Frank, Bruce L.
APPLICANT: Frank, Bruce L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walte, Dia L.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: ALPADESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PELING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-40N-1995
ATTORNEY AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 323
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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60 State Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13 GGGUCCUGGAG 24
                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDA...
STREET: b...
TTTV: Boston
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COUNTRY: USA
ZIP: 02109
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US-08-887-505-66
                                                                                                                                                                         ; ANTI-SENSE: YES
US-08-887-505-65
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Sequence 148, Application US/08887505
; Sequence 148, Application US/08887505
; Publication No. US20020081577A1
; GENERAL INFORMATION:
    APPLICANT: Kilkuskie, Robert E.
    APPLICANT: Frank, Bruce L.
    APPLICANT: Wolfe, Jia L.
    APPLICANT: Moferts, Peter C.
    APPLICANT: Roberts, Peter C.
    APPLICANT: Roberts, No. US20020081577A11 A.
    APPLICANT: Roberts, No. US20020081577A11 A.
    APPLICANT: Mallin, Jr. Henry A.
    APPLICANT: Hamlin, Jr. Henry A.
    APPLICANT: Hamlin, Jr. Henry A.
    APPLICANT: Hamlin, Henry Bear M.
    TITLE OF INVENTION: HEPATITIS C VIRUS
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Hale and norman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPDY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.4e+03;
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Length 24;
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; Publication No. US20020081577A1
; GENERAL INFORMATION:
    APPLICANT: Frank, Bruce L.
    APPLICANT: Frank, Bruce L.
    APPLICANT: Roberts, Peter C.
    APPLICANT: Roberts, Peter C.
    APPLICANT: Walther, Debra M. US20020081577A11 A.
    APPLICANT: Walther, Debra M. TITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR MINDED OF ENCHRICANT.
                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATCHION BATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAMME: KETTER: A-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAMME: KETTER: A-JUN-1995
ATTORNEY/AGENT INFORMATION:
TELEPHONE: (617) 526-6000
TELEPHONE: (617) 526-5000
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         66.7%; Score 12; DB 8; L
100.0%; Pred. No. 1.4e+03;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
STATE: MA
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100.0%; Pr.
                       ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA/RNA HYPOTHETICAL: NO
  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                         STATE: MA
COUNTRY: USA
ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ANTI-SENSE: YES
US-08-887-505-150
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1.4e+03;
hes 0; Indels
                  APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020001577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PTILING DATE: 06-UNW-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 4YZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEFAX: (617) 526-600
INFORMATION FOR SEQ ID NO: 149:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
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Publication No. US20020081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                  ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
Kilkuskie, Robert E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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US-08-887-505-149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
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REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INPOMMATION:
TELEPHONE: (617) 526-600
INFORMATION FOR SEQ ID NO: 153:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEBRAM: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 152:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 153, Application US/08887505; Publication No. US20020081577A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and DOLT LLP
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Kerner, Ann-Louise
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                      YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 02109
                                                                                                                                                                                                                                                                                                      ; ANTI-SENSE:
US-08-887-505-152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-887-505-153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATR:
APPLICATION NUMBER: US/08/887,505
            PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Kilkuskie, Ruce L.
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia, L.
APPLICANT: Wolfe, Jia, L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. USSO020081577A11 A.
APPLICANT: Roberts, No. USSO020081577A11 A.
APPLICANT: Roberts, No. USSO020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC
TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: BOSCON
STATE: MA
                                                                                                                                                                                                                          NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 33,523
RELEPAN: (617) 526-6000
TELEPAN: (617) 526-5000
INFORMATION FOR SEQ ID NO: 151:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA/RNA
HYPOTHETIAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UIN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
                                                                                                        CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UTN-1995
ATTORNEY/AGENT INFORMATION:
                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 152, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GGGGUCCUGGAG 12
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US-08-887-505-152
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HYPOTHETICAL:

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Ouery Match 66.7%; Score 12; DB 8; Length 24; Best Local Similarity 100.0%; Pred. No. 1.4e+03; Matches 12; Conservative 0; Mismatches 0; Indel8
                                                            Sequence 155, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US2002081577A11 A.
APPLICANT: Walther, Debra M.
ITILE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/897,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFCATION: 514
PRIGRAPHICATION DATA:
PRIGRAPPLICATION: 514
PRIGRAPHICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNEY FABRY INFORMATION:
NAME: Kerner, Ann-Louise
REFERENCE/DOCKET NUMBER: MYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 155:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TENGTH: 24 base pairs
TENGTH: 24 base pairs
TENGTH: 24 base pairs
TENGTH: 27 base pairs
TENGTH: 27 base pairs
TENGTH: 27 base pairs
TENGTH: 27 base pairs
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 156, Application US/08887505; Publication No. US20020081577A1
GENERAL INFORMATION:
APPLICANT: Kilkuskie, Robert E.; APPLICANT: Frank, Bruce L.; APPLICANT: Goodchild, John APPLICANT: Wolfe, Jia L.
                                                                                                                                                                                                                                                                                                                                                                                                               E: Hale and Dorr LLP
60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13 GGGUCCUGGAG 24
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MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
ANTI-SENGE
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                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 60 St
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     02109
                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                Query Match 66.7%; Score 12; DB 8; Length 24; Best Local Similarity 100.0%; Pred. No. 1.4e+03; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      66.7%; Score 12; DB 8; Length 24; 100.0%; Pred. No. 1.4e+03; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kilkuskie, Robert E.
APPLICANT: Frank, Bruce L.
APPLICANT: Goodchild, John
APPLICANT: Goodchild, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Wolfe, Jia L.
APPLICANT: Hamlin, Jr., Henry A.
APPLICANT: Roberts, Peter C.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION:
TELEPHONE: (617) 526-6000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-UN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                   Sequence 154, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 02109
COMPUTER REARABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Hale and Dorr LLP
60 State Street
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INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                         1 GGGGUCCUGGAG 12
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MOLECULE TYPE: DNA/RNA
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ANTI-SENSE: YES US-08-887-505-154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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, ANTI-SENSE:
US-08-887-505-153
                                                                                                                                                                                                                                                                                                US-08-887-505-154
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
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Length 24;

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; Publication No. US20020081577A1
; GENERAL INFORMATION:
    APPLICANT: Kilkuskie, Robert E.
    APPLICANT: Frank, Bruce L.
    APPLICANT: Goodchild, John
    APPLICANT: Molfe, Jia L.
    APPLICANT: Roberts, Peter C.
    APPLICANT: Roberts, Peter C.
    APPLICANT: Roberts, Pot US20020081577A11 A.
    APPLICANT: Raberts, No. US20020081577A11 A.
    APPLICANT: Mailther, Debra M.
    ITLE OF INVENTION: OLIGONUCLECTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 8; Le
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100.0%; Pred. No. 1...
0; Mismatches
                                                                                                                                                                          PRILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/471,968

PILING DATE: 06-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Kerner, Ann-Louise

REGISTRATION NUMBER: 33,523

REFERENCE/DOCKET NUMBER: HYZ-040CIP

TELECOMMUNICATION INFORMATION:

TELEPPA: (617) 526-6000

TELEPPA: (617) 526-6000

TELEPPA: (617) 526-6000

SEQUENCE CHARACTERISTICS:

SEQUENCE CHARACTERISTICS:

TOWATH: 24 base pairs
                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA/RNA
                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MA
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Fu.
COUNTRY: USA
- 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL:
                  02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ANTI-SENSE:
US-08-887-505-157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-887-505-158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66.7%; Score 12; DB 8; Length 24; 100.0%; Pred. No. 1.4e+03; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kilkuskie, Robert E.
APPLICANT: Kilkuskie, Robert E.
APPLICANT: Gooddhid, John
APPLICANT: Gooddhid, John
APPLICANT: Wolfe, Jia L.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, Peter C.
APPLICANT: Roberts, No. US20020081577A11 A.
APPLICANT: Walther, Debra M.
TITLE OF INVENTION: ULIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: HEPATITIS C VIRUS
NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
                                                             TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR NUMBER OF SEQUENCES: 172
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                          ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,505
FILING DATE:
  Hamlin, Jr., Henry A.
Roberts, No. US20020081577All A.
Walther, Debra M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: 1472-040CIP
TELECOMONICATION INPORMATION:
TELEPHONE: (617) 526-6000
INFORMATION FOR SEQ ID NO: 156:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,968
FILING DATE: 06-JUN-1995
ATTORNRY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 157, Application US/08887505
Publication No. US20020081577A1
GENERAL INFORMATION:
                                                                                                                                                    ADDRESSEE: Hale and Dorr LLP
STREET: 60 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7
Best Local Similarity 100.
Matches 12; Conservative
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HYPOTHETICAL: NU
                                                                                                                                                                                                                                            USA
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US-08-887-505-156
                                                                                                                                                                                                 CITY: Bost
STATE: MA
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                            COUNTRY:
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FEATURE:
OTHER INFORMATION: 14 bp variable sequence fragment of a deletion library including
OTHER INFORMATION: flanking portions of multiple cloning site.
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                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (6)..(19)
OTHER INFORMATION: The "n" in the sequence means a or g or c or t/u.
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Pred. No. 1.4e+03;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 47, Application US/10291230

| Publication No. US20030108939A1
| GENERAL INPORMATION:
| APPLICANT: Ruffner, Duane E. |
| APPLICANT: Ruffner, Duane E. |
| APPLICANT: Pierce, Michael L. |
| APPLICANT: Chen, Zhidong |
| TITLE OF INVENTION: Directed Antisense Libraries |
| TITLE PERFERENCE: T6678.US. A CURRENT APPLICATION NUMBER: US/10/291,230 |
| CURRENT APPLICATION NUMBER: US 99/647,344 |
| PRIOR FILING DATE: 2000-12-04 |
| PRIOR PELICATION NUMBER: US 99/647,344 |
| PRIOR FILING DATE: 1999-03-28 |
| PRIOR FILING DATE: 1998-03-28 |
| PRIOR FILING DATE: 1998-03-28 |
| PRIOR FILING DATE: 1998-03-28 |
| PRIOR FILING DATE: 1998-11-06 |
| NUMBER OF SEQ ID NOS: 50 |
| SOFTWARE: Patentin version 3.1
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin version 3.1
LENGTH: 25
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91.7%;
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Matches 11; Conservative
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Matches 11; Conservative
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US-10-291-230-47/c
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LENGTH: 25
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| Sequence 87040, Application No. US20030104410A1
| GENERAL INFORMATION:
| APPLICANT: Mittnan, Mithael
| TITLE OF INVENTION: Human Microarray
| FILE REPERENCE: 3118.1
| CURRENT APPLICATION NUMBER: 05/26,76,759
| PRIOR PFLING DATE: 2003-01-08
| PRIOR PFLING DATE: 2001-03.16
| NUMBER OF SEQ ID NOS: 131066
| SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
| LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               66.7%; Score 12; DB 15; Length 25; 83.3%; Pred. No. 1.4e+03;
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Sequence 39, Application US/10291230

Sequence 39, Application US/10291230

BUBLICANT: Wiffner, Duane E.

APPLICANT: Pierce, Michael L.

APPLICANT: Chen, Zhidone E.

TITLE OF INVENTION: Directed Antisense Libraries

FILE REFERENCE: T6678, US.A

CURRENT APPLICATION NUMBER: US/10/291,230

CURRENT FILING DATE: 2002-11-07

PRIOR APPLICATION NUMBER: US 09/647,344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .4e+03;
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              PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/471,968

FILING DATE: 06-UNW-1995

ATTORNEY AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION WUMBER: 33,523

REFERENCE/DOCKET NUMBER: HYZ-040CIP
TELECOMMUNICATION INFORMATION:
TELEPRAX: (617) 526-6000
TELEPAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 158:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ود.7%; Score 12; Best Local Similarity 100.0%; Pred. No.
Matches 12; Conservative 0; Mismatch
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       CLASSIFICATION: 514
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ORGANISM: Homo sapien
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US-10-098-263B-87040/c
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MOLECULE TYPE:
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US-08-887-505-158
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US-10-956-157-225648

Sequence 225648, Application US/10956157

Sequence 225648, Application US/10956157

Publication No. US20050118625A1

GENERAL INFORMATION:
APPLICANT: Wyeth

TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH

TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES

FILE REFERENCE: 031896-043000 (AM 101081)

CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT FILING DATE: 2004-10-04

NUMBER OF SEQ ID NOS: 3198055

SOFTWARE: PATENTIN VETBION 3.2
OTHER INFORMATION: Sequence flanking the chloramphenicol (CAT) gene after insertion OTHER INFORMATION: into the antisense library.
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Pred. No. 1.4e+03;
;, Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Xue Mei Zhou
TITLE OF INTURNITON: Methods of Genetic Analysis of Mouse
FILE REPRENCE: 3528.1
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 205441
                                                                                                                         or
                                                                                                                                                                                      Score 12; DB 15; Length 25;
Pred. No. 1.4e+03;
                                                                                                                                                                                                                                      0; Indels
                                                                                              LOCATION: (14)...(19)
CTHER INFORMATION: The "n" in the sequence means a or g
US-10-291-249-47
                                                                                                                                                                                                                                    1; Mismatches
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; Publication No. US20050026164A1
; GENERAL INFORMATION:
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Best Local Similarity 91.7%;
Matches 11; Conservative 1
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Best Local Similarity 83.3
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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GGGGTCCTGGAG 11
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US-10-956-157-225648
                                                FEATURE:
NAME/KEY: misc_feature
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LENGTH: 25
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LOCATION: (6)._(19)
OTHER INFORMATION: The "n" in the sequence means a or g or c or
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Pred. No. 1.4e+03;
1; Mismatches 0; Indels
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Seduence 47, Application US/10291249
Sublication No. US2003011941A1
GENERAL INFORMATION: US2003011941A1
APPLICANT: Pierce, Michael L.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
ITILE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US B
CURRENT FILING DATE: 2002-11-07
FRIOR PILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: US 99/647,344
PRIOR APPLICATION NUMBER: US 60/079,792
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-01-06
NUMBER OF SEQ ID NOS: 50
SUMMER OF SEQ ID NOS: 50
SUMMER OF SEQ ID NOS: 50
                                                                    US-10-291-249-39/C

Sequence 39, Application US/10291249

Publication NO. US20030119041A1

GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.US.B
CURRENT APPLICATION NUMBER: US/10/291,249
CURRENT APPLICATION NUMBER: US 09/647,344

PRIOR APPLICATION NUMBER: PS 09/647,344

PRIOR FILING DATE: 2000-12-04

PRIOR FILING DATE: 1999-03-28

PRIOR FILING DATE: 1999-03-28

PRIOR FILING DATE: 1998-03-28

PRIOR FILING DATE: 1998-03-28

PRIOR FILING DATE: 1998-11-06

NUMBER OF SEQ ID NOS: 50

SOFTWARE: PatentIn Version 3:1
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Best Local Similarity 91.7%;
Matches 11; Conservative
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US-10-291-249-47/c
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LENGTH: 25
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Gaps
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Publication No. US20030113737A1

GENERAL INFORMATION:

ADPLICANT: PEDERSEN, MORTEN LOCENTZ

TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION

FILE REFERENCE: PEDERSENA=1A

CURRENT APPLICATION NUMBER: US/10/053,883

CURRENT FILING DATE: 2001-0.02

PRIOR FILING DATE: 2001-0.02

PRIOR FILING DATE: 2001-0.024

PRIOR FILING DATE: 2001-0.024

PRIOR FILING DATE: 2001-0.024

NUMBER OF SEQ ID NOS: 148

SOFTWARE: Patentin version 3.1

SEQ ID NO 12
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Sequence 13, Application US/10053883

Publication No. US2003011373741

GENERAL INPORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE: PEDERSEN, AND KIT FOR ANALYZING GENE EXPRESSION
CURRENT APPLICATION NUMBER: US/10/053, 883

CURRENT APPLICATION NUMBER: DA 2001 00126

PRIOR APPLICATION NUMBER: PA 2001 00126

PRIOR APPLICATION NUMBER: US 60/267,704

PRIOR PILING DATE: 2001-01-24

PRIOR PILING DATE: 2001-01-24

NUMBER OF SEQ ID NOS: 148

SOFTWARE: PatentIn version 3.1
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NUMBER OF SEQ ID NOS: 991174
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 543704
LENGTH: 25
                                                                                                                                                                                  66.7%; Score 12; DB 24; Length 25; 83.3%; Pred. No. 1.4e+03;
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Best Local Similarity 91.7%; Pred. No. 1.3e+03;
Matches 11; Conservative 1; Mismatches 0;
                                                                                                                                                                                                                            2; Mismatches
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LOCATION: (11)...(27)

OTHER INFORMATION: n is a, c, g or t

US-10-053-883-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: synthetic
                                                                                                                                                                             Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                     24 GGGTCCTGGAG 13
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                                                                                         ; TYPE: DNA
; ORGANISM: Mus musculus
US-11-036-317-543704
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US-10-053-883-12
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                                                                               Sequence 292659, Application US/10956157

Bublication No. US20050118625A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wounts, William
TITLE OF INVENTION: HUMAN OSTEOARTHRITS AND HUMAN PROTEASES

FILE REFERENCE: 031896-043000 (AM 101081)
CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT PILING DATE: 2004-10-04

NUMBER OF SEQ ID NOS: 319805
SSOFTWARE: Patentin version 3.2
SEQ ID NO 292659
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Sequence 543704, Application US/11036317

Publication No. US20050214823A1

GENERAL INFORMATION:
APPLICANT: Williams, Alan
APPLICANT: Blume, John
TITLE OF INVERINCEN: 3654.1

CURRENT PILIG OF SOFTION NUMBER: US/11/036,317

CURRENT PILING DATE: 2005-01-13

FRIOR FILING DATE: 2004-01-13
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Pred. No. 1.4e+03;
2; Mismatches 0; Indels
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SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 140305
LENGTH: 25
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Publication No. US20040146910A1
GENERAL INFORMATION:
TYLE OF INVENTION: Methods of Genetic Analysis of Rat
FILE REFERENCE: 3527.1
CURRENT APPLICATION NUMBER: US/10/719,956
CURRENT FILING DATE: 2003-11-20
PRIOR FILING DATE: 2003-11-20
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; ORGANISM: Rattus norvegicus
US-10-719-956-140305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
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nes 10; Conservative
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US-10-956-157-292659
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US-10-719-956-140305/c
                                                            US-10-956-157-292659
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; OTHER INFORMATION: Designed oligonucleotide probe to detect a DNA fragment amplifing ; OTHER INFORMATION: portion of HCV. US-10-929-759-192
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Publication No. US20030175729A1

Publication No. US20030175729A1

Publication No. US20030175729A1

APPLICANT: HEIDARN, Michael Josephus

APPLICANT: HEIDARN, Leo

TITLE OF INVENTION: Method for generating oligonuclectides, in particular for the

TITLE OF INVENTION: detection of amplified restriction fragments obtained using AFLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
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83.3%; Pred. No. 1.3e+03;
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CURRENT APPLICATION NUMBER: US/10/929,759

CURRENT FILING DATE: 2004-08-31

PRIOR APPLICATION NUMBER: US/09/935,338

PRIOR FILING DATE: 2001-08-23

PRIOR FILING DATE: 1999-03-19

PRIOR FILING DATE: 1999-03-19

PRIOR FILING DATE: 1999-03-19

PRIOR FILING DATE: 1999-03-19

PRIOR FILING DATE: 1999-12-27

PRIOR FILING DATE: 1999-12-27

PRIOR FILING DATE: 2000-08-23

PRIOR FILING DATE: 2000-09-23

PRIOR FILING DATE: 2000-09-19

PRIOR FILING DATE: 2000-09-19
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                                                                                                                                             Sequence 192, Application US/10929759
Publication No. US20050123950A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SAWARAGI, Haruhisa
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TAKEDA, Osamu
MIYAKE, Kazue
SATO, Yoshimi
MORIYAMA, Mariko
                                                                                                                                                                                                                                                                                                                                                         TOMONO, Jun
KOBAYASHI, Eiji
ENOKI, Tatsuji
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HAGIYA, Michio
ASADA, Kiyozo
KATO, Ikunoshin
                                                                                                                                                                                                                                        APPLICANT: MUKAI, Hiroyuki
APPLICANT: SAGAWA, Hiroaki
APPLICANT: UEMORI, Takashi
                                                                                                                                                                                                                                                                                                                                YAMAMOTO, Junko
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Best Local Similarity 83.3
Matches 10; Conservative
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30 GGGGTCCTGGAG 19
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                                                                                                                    US-10-929-759-192/c
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CANT: ASADA, Kiyozo
CANT: KATO, Ikunoshin
OF INVENTION: A method for amplification of nucleic acids
                                                                                                                                                                                                                                                                       Score 12; DB 15; Length 27; Pred. No. 1.3e+03; 0; Indels
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CURRENT FILING DATE: 2001-08-23

PRIOR FILING DATE: 1999-03-19

PRIOR FILING DATE: 1999-03-19

PRIOR FILING DATE: 1999-01-19

PRIOR APPLICATION NUMBER: JP2000-284419

PRIOR APPLICATION NUMBER: JP2000-284419

PRIOR PILING DATE: 2000-08-23

PRIOR PELLING DATE: 2000-08-23

PRIOR FILING DATE: 2000-09-19

PRIOR FILING DATE: 2000-09-19

PRIOR FILING DATE: 2000-09-19

PRIOR FILING DATE: 2000-09-22

PRIOR FILING DATE: 2000-09-22

PRIOR FILING DATE: 2000-09-34

PRIOR FILING DATE: 2000-09-34

PRIOR FILING DATE: 2000-03-14

NUMBER OF SEQ ID NOS: 290

SOFTWARE: PAECHLIN VERSION 3.2

LENGTH: 30
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CURRENT APPLICATION NUMBER: US/09/935,338
CURRENT FILING DATE: 2001-08-23
                                                                                       FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(17)
CTHER INFORMATION: n is a, c, g or t
US-10-053-883-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 192, Application US/09935338 Publication No. US20030073081A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MORIYAMA, Mariko
SAWARAGI, Haruhisa
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 91.7%;
Matches 11; Conservative
                            FEATURE:
OTHER INFORMATION: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SAGAWA, Hiroaki
UEMORI, Takashi
YAMAMOTO, Junko
TOMONO, Jun
KOBAYASHI, Eiji
ENOKI, Tatsuji
TAKEDA, Osamu
MIYAKE, Kazue
SATO, YOSHimi
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US-09-935-338-192/c
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1 GGGGUCCUGGAG 12

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FEATURE:
OTHER INFORMATION: Hammerhead ribozyme library with flanking sequences.
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CTHER INFORMATION: The "n" in the sequence means a or g or US-10-291-230-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          or
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OTHER INFORMATION: The "n" in the sequence means a or
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| GENERAL INFORMATION:
| APPLICANT: Ruffner, Duane E. |
| APPLICANT: Ruffner, Duane E. |
| APPLICANT: Pierce, Michael L. |
| APPLICANT: Chen, Zhidong |
| TITLE OF INVENTION: Directed Antisense Libraries |
| TITLE OF INVENTION: Directed Antisense Libraries |
| FILE REFERENCE: T6678.US.B. |
| CURRENT APPLICATION NUMBER: US/0/291,249 |
| CURRENT APPLICATION NUMBER: US 09/647,344 |
| PRIOR PILING DATE: 2000-12-04 |
| PRIOR FILING DATE: 1999-03-28 |
| PRIOR PILING DATE: 1998-03-28 |
| PRIOR PILING DATE: 1998-03-28 |
| PRIOR FILING DATE: 1998-11-06 |
| NUMBER OF SEQ ID NOS: 50
                                                                                                                                                          US-10-291-230-48/c
| Sequence 48, Application US/10291230 |
| Publication No. US20030108939A1 |
| GENERAL INFORMATION: | APPLICANT: Ruffner, Duane E. |
| APPLICANT: Pierce, Michael L. |
| APPLICANT: Chen, Zhidong |
| TILE OF INVENTION: Directed Antisense Libraries |
| FILE REFERENCE: T6678.US.A
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CURRENT PEDLICATION NUMBER: US/10/291,230
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR FILING DATE: 2000-12-04
PRIOR PELING DATE: 1999-03-28
PRIOR FILING DATE: 1999-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-03-28
PRIOR FILING DATE: 1998-03-28
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 48
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; Sequence 48, Application US/10291249
; Publication No. US20030119041A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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                                       46 CTGGAGNNNNN 35
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NAME/KEY: misc_feature
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Sequence 79, Application US/10169371

Publication No. US20030175729A1

Publication No. US20030175729A1

Publication No. US20030175729A1

APPLICANT: VAN EIJK, Michael Josephus Theresia

APPLICANT: HGGERS, Rene Cornelis Josephus

APPLICANT: HGGERS, Rene Cornelis Josephus

TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the

TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the

TITLE OF INVENTION: Multiple:

CURRENT APPLICATION NUMBER: US 1002-07-01

PRIOR FILING DATE: 2002-07-01

PRIOR FILING DATE: 2002-07-01

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2000-12-28

NUMBER OF SEQ ID NOS: 95

SEQ ID NO 79

LENGTH: 36
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FILE REFERENCE: VAN ELUK=2
CURRENT APPLICATION NUMBER: US/10/169,371
CURRENT FILING DATE: 2002-07-01
FRIOR APPLICATION NUMBER: EPC 99204614.4
FRIOR FILING DATE: 1999-12-29
FRIOR FILING DATE: 2000-12-28
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin vergion 3.2
SOFTWARE: Patentin vergion 3.2
LENGTH: 36
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LOCATION: (23)...(36)
OTHER INFORMATION: n is a, c, g, or t
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LOCATION: (1).7(16)
OTHER INFORMATION: n is a, c,
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LOCATION: (1)...(16)
OTHER INFORMATION: n is a,
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Best Local Similarity 91.7
Matches 11; Conservative
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LOCATION: (23)...(36)
                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial
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                                                                                                                                                                                                                                                                                            TYPE: DNA
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TYPE: DNA
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sequence 2597, Application US/10349143
sequence 2597, Application US/20040005584A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT FILING DATE: 2003-01-21
CURRENT FILING DATE: 1999-10-20
FRIOR APPLICATION NUMBER: US/09/422, 978
PRIOR FILING DATE: BARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 2597
LENGTH: 47
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                                                                                                                     OTHER INFORMATION: Hammerhead ribozyme library with flanking sequences.
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Pred. No. 1.2e+03;
1; Mismatches 0; Indels
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LOCATION: 24

COTHER INFORMATION: 99-1211-59 : polymorphic base C or T
US-10-349-143-2597
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LOCATION: (35)...(40)

OTHER INFORMATION: The "n" in the sequence means a or US-10-291-249-249.
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NAME/KEY: misc_feature
LOCATION: (6)..(12)
OTHER INFORMATION: The "n" in the sequence means
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
SOFTWARE: PatentIn version 3.1
                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 91.7%;
Matches 11; Conservative
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46 CTGGAGNNNNN 35
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US-10-156-306-7157
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                  SEQ ID NO 48
LENGTH: 46
                                                                                                    FEATURE:
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TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relater TITLE OF INVENTION: Levels of IKK-Gamma and PKR FILE REPERBERCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7157
LENGTH: 48
                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid US-10-156-306-7157
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Publication No. US20030175765A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Haberhausen, Gerd
APPLICANT: Bartl, Knut
TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS
FILE REPERENCE: 4817/00
CURRENT APPLICATION NUMBER: US/10/322,138
CURRENT FILING DATE: 2002-12-17
FRIOR APPLICATION NUMBER: US/09/530,746B
FRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kessler, Christoph
APPLICANT: Haberhausen, Gerd
APPLICANT: Haberhausen, Gerd
APPLICANT: Haberhausen, Gerd
APPLICANT: Harl, Knut
APPLICANT: Orum, Henrik
TITLE OF INVENTION: SPECIFIC AND SENSITIVE METHOD FOR DETECTING NUCLEIC ACIDS
FILE REPERENCE: 4817/OQ
CURRENT APPLICATION NUMBER: US/10/322,138
CURRENT FILING DATE: 2002-12-17
PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin Version 3.1
SEQ ID NO 6
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Pred. No. 1.2e+03;
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; Sequence 6, Application US/10322138
; Publication No. US20030175765A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Version 3.1
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Best Local Similarity 83.3
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US-10-322-138-6
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Sequence 15052, Application US/10029386

Publication No. US20030194704A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Penn, Sharron G.
APPLICANT: Hanzel, David R.
APPLICANT: Hanzel, David R.
APPLICANT: HEREROES SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR (TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR (TITLE OF INVENTION: WOMBER: US/10/029,386
CURRENT APPLICANT: 2001-12-20
NUMBER OF SEQ ID NOS: 342881
SEQ ID NO 15052
LENGTH: 97

LENGTH: 97
                                                                                                                                                                                                                   APPLICANT: Linnen, Jeffery M.
APPLICANT: Linnen, Janel M.
APPLICANT: Cookter, Janel M.
APPLICANT: Dockter, Janel M.
APPLICANT: Getwan, Damon K.
APPLICANT: Yoshimura, Tadashi
APPLICANT: Yoshimura, Tadashi
APPLICANT: Stringfellow, Leslie A.
APPLICANT: Stringfellow, Leslie A.
TITLE OF INVENTION: Hepatitis B Virus
CURRENT PELICATION NUMBER: US/10/461,790
CURRENT FILING DATE: 2003-06-13
PRIOR FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 142
SOSTWARE: FRAESEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MAP TO AC024195.2
EXPRESSED IN BONE MARROW, SIGNAL = 0.99
EXPRESSED IN PLACENTA, SIGNAL = 1.1
EXPRESSED IN BRAIN, SIGNAL = 2.6
EXPRESSED IN LUNG, SIGNAL = 1.1
EXPRESSED IN LUNG, SIGNAL = 1.1
EXPRESSED IN ETAL LIVER, SIGNAL = 1.1
EST_HUMAN HIT: AL538246.1, EVALUE 1.80e+00
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Pred. No. 9.6e+02;
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Pred. No. 9.9e+02;
2; Mismatches 0;
                                                                                                                                                               , Sequence 141, Application US/10461790
; Publication No. US20040029111A1
; GENERAL INFORMATION:
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83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 83.3
Matches 10; Conservative
                       7 CUGGAGNNNNNN 18
                                                          37 CTGGAGNININN 48
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OTHER INFORMATION: E
OTHER INFORMATION: E
OTHER INFORMATION: E
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Best Local Similarity
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                                                                                                                      RESULT 149
US-10-461-790-141/c
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Sequence 1, Application US/200501642141B
Publication No. US20050164214A1
GENERAL INFORMATION:
APPLICANT: Fruit. Steven et al
TITLE OF INVENTION: Improved Methods For Protein Interaction Determination
FILE REFERENCE: 03551 0157
CURRENT APPLICATION NUMBER: US/10/842,741B
CURRENT FILING DATE: 2004-05-10
PRIOR PILING DATE: 2003-05-09
NUMBER OF SEQ ID NOS: 23
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2. Application US/10842741B
Fublication No. US20050164214A1
GENERAL INFORMATION:
TITLE OF INVENTION: Methods For Protein Interaction Determination
FILE REFERENCE: 03551.0157
CURRENT FILING DATE: 2004-05-10
FRIOR APPLICATION NUMBER: US/60/469,342
PRIOR FILING DATE: 2003-05-09
SEQ ID NO 2
LENGTH: 48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LOCATION: 43-48
; OTHER INFORMATION: n is g,a,t or c; pAct2 lox71 MAGE/6 Primer
US-10-842-741B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: n

1 LOCATION: 43-48

2 OTHER INFORMATION: n is g,a,t or c; PCD2 lox66 MAGE/6 Primer

US-10-842-741B-2
                                                                                                                      Length 48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 48;
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                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
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                                                                                                                      Score 12; DB 16;
Pred. No. 1.2e+03;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 12; DB 22;
Pred. No. 1.2e+03;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 12; DB 22;
Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
                                                                                                                      66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 91.7%;
Matches 11; Conservative
                                                                                                                    Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7
Best Local Similarity 91.7
Matches 11; Conservative
                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                             31 GGGGTCCTGGAG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7 CUGGAGNNNNN 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     37 CTGGAGNNNNN 48
                   LENGTH: 48
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 148
US-10-842-741B-2
                                                                                                                                                                                                                                                                                                                                 US-10-842-741B-1
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                                                                               US-10-322-138-7
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SEQ ID NO 7
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Gaps

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APPLICANT: Learn Thomas J
APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 115511
LENGTH: 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1205, Application US/10425115
Publication No. US2004021427241
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Cavo, Yongwei
A
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CTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.6 OTHER INFORMATION: SWISSPROT HIT: Q92GR8, EVALUE 5.20e-01 OTHER INFORMATION: NT HIT: gi14786907, EVALUE 3.00e-67 CTHER INFORMATION: EST_HUMAN HIT: BG479422.1, EVALUE 4.00e-67 US-10-029-386-15594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 66.7%; Score 12; DB 18; Length 175; Best Local Similarity 83.3%; Pred. No. 8.3e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                  Score 12; DB 16; Length 138;
Pred. No. 8.8e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               66.7%; Score 12; DB 20; Length 168;
83.3%; Pred. No. 8.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      THER INFORMATION: Clone ID: PAT_MRT3847_75317C.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Clone ID: MRT4577_101098C.1
US-10-425-115-1205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2; Mismatches
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; Publication No. US20040031072A1
                                                                                                                                                                                                                     66.7%;
ilarity 83.3%;
Conservative ;
                                                                                                                                                                                                                                                                                                                                                                                                          113 GGGTCCTGGAG 124
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133 GGGTCCTGGAG 144
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Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 10; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Zea mays
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US-10-424-599-115511
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                                                                                                                                                                                                                                                                                               Sequence 14059, Application US/10029386

| Sequence 14059, Application US/10029386
| Publication No. US20030194704A1
| GENERAL INFORMATION:
| APPLICANT: Penn, Sharron G. APPLICANT: Hanzel, David R. APPLICANT: Hanzel, David R. TITLE OF INVENTION: EXPRESSION ANALYSIS TWO TITLE OF INVENTION: EXPRESSION ANALYSIS TWO TITLE OF INVENTION: EXPRESSION ANALYSIS TWO CURRENT PELLING DATE: 2001-12-20
| CURRENT FILING DATE: 2001-12-20
| NUMBER OF SEQ ID NOS: 34288
| SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
| SEQ ID NO 14059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 15594, Application US/10029386
Sequence 15594, Application US/10029386
Sequence 15594, Application US/20030194704A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Hanzel, David K.
APPLICANT: LAND REPRESSION ANALYSIS TWO
FILE REFERENCE: AEOMICA-x-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT PILLING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
SEQ ID NO 15594
LENGTH: 138
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                  Gaps
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CTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.3

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.6

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.6

OTHER INFORMATION: MT HIT: G115303560, EVALUE 1.60e+00

OTHER INFORMATION: SWIŠSPROT HIT: 015529, EVALUE 2.30e-01

US-10-029-386-14059
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83.3%; Pred. No. 9.1e+02;
.ive 2; Mismatches 0; Indels
              Indels
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OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.83
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.98
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                  Mismatches
                  7
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Matches 10; Conservative
                  10; Conservative
                                                                                                                             ||||:||:|||
78 GGGTCCTGGAG 89
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                     RESULT 151
US-10-029-386-14059/c
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US-10-029-386-15594
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                  Matches
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Length 177;
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Sequence 67, Application US/09294121A
Sequence 67, Application US/09294121A
Sequence 67, Application US/09294121A
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
TITLE OF INVENTION: ROCCESS FOR TYPING OF HCV
TITLE OF INVENTION: PROCLESS
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 12; DB 9; ]
Pred. No. 8.3e+02;
2; Mismatches 0
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; Sequence 68, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
APPLICANT: MARTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: 0FCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 77-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECONMUNICATION INFORMATION:
TELECONMUNICATION INFORMATION:
TELEFRAM: (212) 661-8000
TYPE: NUMBER: TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; MAP POSITION: 5' untranslated region US-09-294-121A-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                    CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 10016
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                                                                                                                                                                                                                                                                                                                                                                                     STATE: NI
COUNTRY:
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                                                                                                                                                                                                          Sequence 61. Application US/09294121A

Patent No. US20020069422A1

GENERAL INFORMATION:

APPLICANT: MAERTENS, GERT; STUTVER, LIEVEN;

APPLICANT: ROSSAU, RUD1; VAN HEUVERSWYN, HUGO
ITTLE OF INVENTION: ISOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:

ADDRESSE: BIERMAN & MUSERLIAN

STREET: NEW YORK

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRILING DATE:
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: 08/256,568
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
TELEPRAN: (212) 661-8002
INFORMATION FOR SEQ 1D NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 Dase pairs
ITELEPRAN: 177 Dase pairs
ITELEPRAN: 177 Dase pairs
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPCHASE

MOLECULE TYPE: CDNA

IMMEDIATE SOURCE:

CLANE: be82 (also referred to as be99)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 POSITION IN GENOME: MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
                                          140 GGGTCCTGGAG 151
         1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
E: cDNA
                                                                                                                                                                                          US-09-294-121A-61/c
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Gaps

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26 GGGGTCCTGGAG 15

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RESULT 156

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Fatent No. US20020069422A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERGWYN, HUGO
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
NUMBER OF SEQUENCES: 97
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 66.7%; Score 12; DB 9; 1 Best Local Similarity 83.3%; Pred. No. 8.3e+02; Matches 10; Conservative 2; Mismatches 0
                                                                                                                                                                                                                                                         CLASSIPTCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
APPLOR APPLICATION DATA:
APPLICATION NUMBER: EF/93/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLONE: gb569
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                        SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
                        ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69.
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 1016
COMPUTER REDABLE FORM:
MEDIUM TYPE: Florm:
COMPUTED
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: lin
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US-09-294-121A-70/c
                                                                                                                                                                                                                                        FILING DATE
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  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%; Score 12; DB 9; Length 177; 83.3%; Pred. No. 8.3e+02; tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-294-121A-69/C

Sequence 69, Application US/09294121A
Fatent No. US20020069422A1
GENERAL INFORMATION:
TAPLICANT: MARRTENS, GERT; STUYVER, LIEVEN;
TITLE OF INVENTION: ISOLATES
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: NEW YORK
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-ULL-1994
APPLICATION NUMBER: 0CT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REGISTRATION INFORMATION:
TELEFPHONE: (212) 661-8000
TELEFRAN: (212) 671-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; CLONE: gbl16
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-294-121A-68
                                                                                                                                                                                                                                                                                                                                              SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                          ZIP: 10016
COMPUTER REARABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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TOPOLOGY: linear
DLECULE TYPE: cDNA
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MOLECULE TYPE: CI
IMMEDIATE SOURCE:
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Gaps
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Pred. No. 8.3e+02;
2; Mismatches 0; Indels
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Sequence 73, Application US/09294121A
Sequence 73, Application US/09294121A
Parent No. US20020069422A1
GENERT INFORMATION:
APPLICANT: MARRTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO;
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES;
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INPORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INPORMATION:
TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFFCATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PILING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
PRIOR APPLICATION DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; CLONE: cam600
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-294-121A-72
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIF: 10016
COMPUTER READABLE FORM:
COMPUTER: FIOPPY disk
COMPUTER: TBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BIERMAN & MUSERLIAN
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83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: BIERMAN & MUS
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 83.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: CDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-294-121A-72/C

Sequence 72, Application US/09294121A
Fatent No. US20020069422A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI: VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
STATE: USA
                                                                                    PRIDASIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 06/256,568
FILING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-NG-1993
PRIOR APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 31-NG-1993
PRIOR APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 37-NOV-1992
ATTORNEY AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; CLONE: gb358; POSITION IN GENOME: MAP POSITION: 5' untranslated region US-09-294-121A-70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZURINIE 1016
ZURINIE 1016
ZURINIE 1016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: RASCII
SOFTWARE: ASCII
CURRENT APPLICATION NATA:
                            APPLICATION NUMBER: US/09/294,121A FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
           CURRENT APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 75, Application US/09294121A
| Patent No. US20020069422A1
| GENERAL INFORMATION:
| APPLICANT: MAENTENS, GEERT; STUTVUER, LIEVEN;
| APPLICANT: ROSSAU, RUDI; VAN HEUVERSUWYN, HUGO
| TITLE OF INVENTION: ISOLATES
| TITLE OF INVENTION: ISOLATES
| TUMBER OF SEQUENCES: 97
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: BIERNAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                 66.7%; Score 12; DB 9; I
83.3%; Pred. No. 8.3e+02;
tive 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
PRING PATE:
CLASSIFICATION:
PRING APPLICATION:
PRING APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
ATTORNEY/AGENT INPORMATION:
NAME: CHARLES A. MIGSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
                                                                                                                                                                                                                       IMMEDIATE SOURCE:
CLONE: 9b809
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-294-121A-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
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ZIF: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: BIERMAN & MUSERLIAN
600 THIRD AVENUE
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ 1D NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDDESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
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TELEPAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 75: SEQUENCE CHARACTERISTICS: LENGTH: 177 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-294-121A-75/c
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Pred. No. 8.3e+02;
2; Mismatches 0; Indels
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| US-02-294-121A-74/C
| Patent No. US20020069422A1
| GENERAL INFORMATION |
| APPLICANT ROSSAU, RUDI; VAN HEUVERSWYN, HUGO |
| TITLE OF INVENTION: PROCESS FOR TYPING OF HCV |
| TITLE OF INVENTION: ISOLATES |
| NUMBER OF SEQUENCES: 97 |
| CORRESPONDENCE ADDRESS: |
| NUMBER OF SEQUENCES: 97 |
| CORRESPONDENCE ADDRESS: |
| STATE: NEW YORK |
| STATE: NEW YORK |
| COMPUTER: ELOPPY disk |
| COMPUTER: IBM PC compatible |
| OPERATION TYPE: Floppy disk |
| COMPUTER: ASSAURE: PC-DOS/MS-DOS |
| SOFTWARE: ASCII |
| CURRENT APPLICATION DATA: |
| CURRENT APPLICATION DATA: |
| CURRENT APPLICATION NUMBER: US/09/294,121A |
| CURRENT APPLICATION NUMBER: US/09/294,121A
  FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
LENGTH: 177 base pairs
LYPE: nucleic acid
STRANDEDNESS: single
STRANDEDNESS: single
STRANDEDNESS: single
STRANDEDNESS: single
IVMEDIATE SOURCE:
CLONE: CAM736
POSITION IN GENOME:
MARP POSITION: 5' untranslated region
US-09-294-121A-73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUJ-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 37-NOV-1993
ATTORNEY AGENT INFORMATION:
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REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      26 GGGGTCCTGGAG 15
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US-09-294-121A-74/c
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    Score 12; DB 9; Length 177; Pred. No. 8.3e+02; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 177;
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83.3%; Pred. No. 8.3e+02;
iive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: MARRTENS, GERT; STUTVER, LIEVEN;
APPLICANT: MOSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIPTCATION:
CLASSIPTCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            / MAP POSITION: 5' untranslated region US-09-294-121A-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
                                                                                                                                                                                                                                                    Sequence 77, Application US/09294121A Patent No. US20020069422A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
         66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
      Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : 177 base pairs
nucleic acid
EDNESS: single
                                                                                                1 GGGGUCCUGGAG 12
                                                                                                                     26 GGGTCCTGGAG 15
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIBRARY: be97
POSITION IN GENOME:
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Best Local Similarity
Matches 10; Conserv
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                                                                                                                                                                                                     RESULT 165
US-09-294-121A-77/c
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                                                                                                                                                                                                                                                                                                                                      RESULT 164
US-09-294-121A-76/C
; Sequence 76, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCES: 97
; CORRESPONDENCES: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
; CITY: NEW YORK
STATE: NEW YORK
; CUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION BATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-NOV-1992
ATTORNEY AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: 940487.
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: cDNA
| MOLECULE TYPE: cDNA
| IMMEDIATE SOURCE: CLONE: gb724 | POSITION IN GENOME: MOSITION OF MOSITION S ' untranslated region US-09-294-121A-76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 661-800
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 177 base pairs
nucleic acid
                                                                                                                                                                                                                                               1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                           26 GGGTCCTGGAG 15
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RESULT 168
US-09-294-121A-80/C
; Sequence 80, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
APPLICANT: MARETENS, GERRT; STUTVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO;
TITLE OF INVENTION: ISOLATES
; TITLE OF INVENTION: SCAUESS FOR TYPING OF HCV
; TITLE OF EQUENCES: 97
; CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           66.7%; Score 12; DB 9; 183.3%; Pred. No. 8.3e+02;
APPLICANT: MAERTENS, GEERT, STUYVER, LIEVEN, APPLICANT: ROSSAU, RUDI, VAN HEUVERSWYN, HUGO TITLE OF INVENTION: ISOLATES FOR TYPING OF HCV TITLE OF INVENTION: 1SOLATES

TUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION
PRIOR DATE:
CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
RPIOR APPLICATION DATA:
APPLICATION NUMBER: BF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INPORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 79:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLONE: be96
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                      STREET: 600 THIRD AVENUE CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: cDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                        NEW YORK
                                                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                        STATE:
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83.3%; Pred. No. 8.3e+02;
cive 2; Mismatches 0; Indels
                                                                                            Sequence 78, Application US/09294121A
Sequence 78, Application US/09294121A
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO;
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV;
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILING DATE:
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18 - ULL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-ANG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-ANG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMONICATION INFORMATION:
TELECOMMONICATION INFORMATION:
TELECOMMONICATION INFORMATION:
TELEFAX: (212) 661-8000
TELEFAX: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 POSITION IN GENOME:
| MAP POSITION: 5' untranslated region US-09-294-121A-78
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US-09-294-121A-79/c
S. Sequence 79, Application US/09294121A
Patent No. US20020069422A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                   NEW YORK
: NEW YORK
RY: USA
                                                                               US-09-294-121A-78/c
                                                                                                                                                                                                                                                                                                                                                                   CITY: NEW
STATE: NE
COUNTRY:
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0; Gaps

Length 177; ; 0; Indels

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN,
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                             APPLICATION NUMBER: US/09/378,900
FILING DATE: (Uhknown)
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 25-NOV-1993
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 12; DB 9; Pred. No. 8.3e+02; 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLONE: be82 (also referred to as be99)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MAP POSITION: 5' untranslated region SEQUENCE DESCRIPTION: SEQ ID NO: 61:
                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IMP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCES: 97
CORRESPONDENCES: SIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
CONNTROL. ....
                                                                                                                                                                                                                                                                                                                  NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                               TELECOMUNICATION INFORMATION:
TELEPHONE: (312) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-899-082A-67/c
; Sequence 67, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       POSITION IN GENOME:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 12; DB 9; I
Pred. No. 8.3e+02;
                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 97
CORRESSONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                              ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 169
US-09-899-082A-61/C
; Sequence 61, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  66.7%;
600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 83.3'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26 GGGTCCTGGAG 15
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STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GGGGUCCUGGAG 12
                 NEW YORK
: NEW YORK
RY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: CDN
IMMEDIATE SOURCE:
CLONE: be98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                 CITY: NEW STATE: NY COUNTRY:
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83.3%; Pred. No. 8.3e+02;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV ISOLATES
                     FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: «Unknown»
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPAING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
CLASSIFICATION: -UNKnown.>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MAP POSIȚION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 68:
APPLICATION NUMBER: PCT/EP93/03325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 69, Application US/09899082A
Patent No. US20020106638A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 1,0016
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GGGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLONE: 95116
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-899-082A-69/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 68, Application US/09899082A
Patent No. US20020106638A1
GENERAL INFORMATION:
APPLICANT: MARRIENS, GEERT; STUTVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%; Score 12; DB 9; I
83.3%; Pred. No. 8.3e+02;
iive 2; Mismatches 0;
                                                                 FILING DATE: cUnknown>
PILING DATE: cUnknown>
PELING DATE: 18-JUL-1994

PILING DATE: 26-NOV-1993

APPLICATION NUMBER: PCT/EP93/03325

FILING DATE: 26-NOV-1993

APPLICATION NUMBER: EP/93/402,129.6

FILING DATE: 31-AUG-1993

APPLICATION NUMBER: EP/92/403,222.0

FILING DATE: 27-NOV-1992

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLONE: 9b48
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 67:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATIONS (UNKNOWN)
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900
FILING DATE: «UNKNOWN»
FILING DATE: 18-JUL-1994
                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900
                                                                                                                                                                                                                                                                                             NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26 GGGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IMMEDIATE SOURCE
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Pred. No. 8.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA

STATE: NEW YORK

COUNTRY: USA

ZIP: 10016

COMPUTER: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A

FILING DATE: 06-Jul-2001
CLASSIFFCATION CHROWN:
PRIOR APPLICATION NUMBER: US/09/378,900
FILING DATE: UNIKNOWN:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: BC/93/402,129.6
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 21-NOV-1992
                                                                                                                                                                                                                 CLONE: gbis8
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 70:
                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 72, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 600 THIRD AVENUE CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 72:
                                                                       LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                        INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 97
                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
                                                                                                                                                                                           IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 174
US-09-899-082A-72/c
                                                                                                                                                                                                                                                                                                            US-09-899-082A-70
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83.3%; Pred. No. 8.3e+02;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN, ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: BW PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
CLASSIFICATION - CURROWN>
PRIOR APPLICATION OBTA:
APPLICATION NUMBER: US/09/378,900
FILING DATE: -UNKNOWN>
APPLICATION NUMBER: US/09/378,900
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: BP/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: EP/31/402,129.6
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,0004
                                                                                                                                                                                                                                                                                                                                                    CLONE: gb569
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ 1D NO: 69:
                 NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19, 683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8002
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 70, Application US/09899082A
Patent No. US20020106638A1
GENERAL INFORMATION:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GGGGUCCUGGAG 12
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US-09-899-082A-70/c
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Gaps

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                                                                  Length 177;
                                                                                                                                                                                                                                                                                                                                                                                                  ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 66.7%; Score 12; DB 9; 3
Best Local Similarity 83.3%; Pred. No. 8.3e+02;
Matches 10; Conservative 2; Mismatches 0
                                                                                     Pred. No. 8.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: «Unknown»
APPLICATION UNBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
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CLONE: 9B809:
CLONE: POSITION IN GENOME:
CHAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: 5EQ ID NO: 74:
US-09-899-082A-74
                                                                  DB 9,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
CLASSIFICATION: <UNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                              2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
  SEQUENCE DESCRIPTION: SEQ ID NO: 73:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                Score 12;
                                                                                                                                                                                                                                                                                        US-09-899-082A-74/c
; Sequence 74, Application US/09899082A
; Patent No. US20020106638A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION TELEPHONE: (212) 661-800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (212) 661-8
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
                                                                66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10016
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                26 GGGTCCTGGAG 15
                                                                                                                                                         1 GGGGUCCUGGAG 12
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US-09-899-082A-73
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Pred. No. 8.3e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 73, Application US/09899082A
Patent No. US2020106638A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWIN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/378,900
FILING DATE: «Unknown»
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
                                                CLONE: cam600
CLONE: cam600
POSITION IN GENOME

SEQUENCE DESCRIPTION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-09-082A-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLONE: cam736
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A: MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                     66.7%;
83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 97
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                     Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                            1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-899-082A-73/c
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Length 177,
                        Sequence 76, Application US/09899082A
Patent No. US20020106688A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-011-2001
CLASSIFICATION: cUNKnown>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900
FILING DATE: cUNKnown>
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 31-4UG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-4UG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         66.7%; Score 12; DB 9; I
83.3%; Pred. No. 8.3e+02;
tive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLONE: 9b724
POSITION IN GENOME:
MAP POSITION'S: untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 76:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION:
TELECOMMUNICATION:
TELECHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                         NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 77, Application US/09899082A; Patent No. US20020106638A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                    CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 26 ĠĠĠĠŢĊĊŢĠĠĂĠ 15
                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IMMEDIATE SOURCE
    US-09-899-082A-76/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 179
US-09-899-082A-77/c
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                                                                                                                                                                                                                                APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV ISOLATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
CLASSIFICATION OATA:
APPLICATION NUMBER: US/09/378,900
FILING DATE: cUnknown>
APPLICATION NUMBER: US/09/378,900
FILING DATE: 2-NOW-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 2-NOW-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 27-NOW-1992
ATTORNEY/AGRET INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MAP POSITION: 5' untranslated region ; SEQUENCE DESCRIPTION: SEQ ID NO: 75:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                              Sequence 75, Application US/09899082A Patent No. US20020106638A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 75: SEQUENCE CHARACTERISTICS:
  GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 83.3
Matches 10; Conservative
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|GGGGTCCTGGAG 15
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POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IMMEDIATE SOURCE
                                                                                                                                          US-09-899-082A-75/C
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Gaps

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APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              66.7%; Score 12; DB 9; Le
83.3%; Pred. No. 8.3e+02;
                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/378,900
FILING DATE: <UNKNOWN-
APPLICATION NUMBER: US/26,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/33/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/32/403,222.0
FILING DATE: 27-NOV-1992
                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-Jul-2001
CLASSIFICATION: -UNknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLONE: be95
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 78:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAMB: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOWNUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 79, Application US/09899082A; Patent No. US20020106638A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
STREET: 600 THIRD AVENUE
                                                                                                           COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10016
COMPUTER READABLE FORM:
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Matches 10, Conservative
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26 GGGTCCTGGAG 15
                         CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                    COUNTRY: USA
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                                                                                    ZIP: 10016
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US-09-899-082A-79/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN; ROSSAU, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV NUMBER OF SEQUENCES: 97
  ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
                                                                                                                                                                                                               COUNTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: AGCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-011-2001
CLASSIFICATION EVENTON: CURROWN-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,900
FILING DATE: CURROWN-
APPLICATION NUMBER: US/09/378,900
FILING DATE: 18-UUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 27-NOV-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: 5' untranslated region 'SEQUENCE DESCRIPTION: SEQ ID NO: 77: US-09-082A-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION:
TELEPHONE: (212) 661-8000
                                                                                      CORRESPONDENČE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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83.3%;
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                                                                                                                                                      CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                    NUMBER OF SEQUENCES:
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US-09-899-082A-78/c
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Pred. No. 8.3e+02;
2; Mismatches 0; Indels
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Patent'No. US20020168626A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO;
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV;
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ANDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                        FILING DATE: «Unknown, application of the property of the prop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLONE: be98
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                    PRIOR APPLICATION DATA: APPLICATION NUMBER: US/09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; SEQUENCE DESCRIPTION: SEQ ID NO: 80:
US-09-899-082A-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: NEW YORK
CITY: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM FC COMPATING
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
                                                        <Unknown>
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APPLICATION NUMBER: 09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 80: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GGGGUCCUGGAG 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IMMEDIATE SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-899-302-61/c
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MEDIUM TYPE: Floppy disk

COMPUTER: IBW PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
FILING DATE: 06-JJ1-2001
CLASSIFICATION: UNKNOWN>
PRIOR APPLICATION NUMBER: US/09/378,900
FILING DATE: 4Uhknown>
APPLICATION NUMBER: US/09/378,900
FILING DATE: 18-JJ1-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-193
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 37-NOV-1992
ATTONREY/ASENT INFORMATION.
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,082A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEFHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MIDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 83.3
Matches 10; Conservative
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POSITION IN GENOME:
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; Sequence 68, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAETENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
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POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                   PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19/683
REGISTRATION NUMBER: 19/683
REGISTRATION NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 661-8000
TELEPAX: (212) 661-8002
TELEPAX: (212) 661-802
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE GRARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STREET CONTROLLY STREET
TYPE: nucleic acid
STREET CONTROLLY STREET
STREET STREET
TYPE: nucleic acid
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                                                                                                EP/92/403,222.0
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STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIOS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
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                 FILING DATE: 31-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: CDN
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-899-302-67
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        JOSTONE STATE OF A PROPERTY OF SEQUENCE OF A PAPELICANT: MARRETENS, GERT; STUTVER, LIEVEN; SEQUENCE OF INVENTION: PROCESS FOR TYPING OF HCV TITLE OF INVENTION: PROCESS FOR TYPING OF HCV TITLE OF INVENTION: PROCESS FOR TYPING OF HCV TITLE OF INVENTION: ISOLATES NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS: ADDRESS: CORRESPONDENCE ADDRESSE: BIERMAN & MUSERLIAN STREET: 600 THIRD AVENUE
CITY: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER: ISM PC COMPATIBLE OF COMPUTER TRADABLE FORM:
COMPUTER TRADABLE FORM:
COMPUTER: ISM PC COMPATIBLE OF COMPATIBLE SYSTEM: PC-DOS/MS-DOS
FILING DATE: 18-JUL-1994

APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993

PRIOR APPLICATION NUMBER: EF/93/402,129.6
FILING DATE: 31-AUG-1993
FRIOR APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TOPORLOGY: (212) 661-8000
STRANDEDNESS: single
TYPE: nucleic acid
STRANDEDNESS: single
TOPORLOGY: line acid
STRANDENESS: single
TOPORLOGY: line 
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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US-09-899-302-67/c
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OPERATIONS SISTEM:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: 18-UL-1994
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UL-1994
APPLICATION NUMBER: EP/94
APPLICATION NUMBER: BP/3/402,129.6
FILING DATE: 13-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8002
SEQUENCE CHARACTERISTICS:
FORWALL 177 hare Daire
        INFORMATION FOR SEQ 10 NO: 69: SEQUENCE CHARACTERISTICS: LENGTH: 177 base pairs TYPE: nucleic acid STRANDEDNESS: single TYPE: nucleic acid TOPOLOGY: linear MOLECULE TYPE: cDNA IMMEDIATE SOURE: cDNA IMMEDIATE SOURE: CDNA SPESSOUR: GENERAL SPESSOURE: MARP POSITION: 5' untranslated region US-09-899-302-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                66.7%;
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nucleic acid
                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                             26 GGGTCCTGGAG 15
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TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 186
US-09-899-302-69/C
; Sequence 69, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INPORMATION:
    APPLICANT: MARRTENS, GERT; STUYVER, LIEVEN;
    APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
    TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
    TITLE OF INVENTION: ISOLATES
    NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESSS:
    ADDRESSEE: BIERMAN & MUSERLIAN
    ADDRESSEE: GOATED AUTION AUGUSTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
PRIOR APPLICATION:
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTONEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
                                                                                                                                                                                                                                                                         ; IMMEDIATE SOURCE:
; CLONE: gbl16
; POSITION IN GENOME:
US-09-899-302-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
             REGISTRATION NUMBER: 19,683
REFRENCE/DOCKET NUMBER: 410.004
TELECOMPUNICATION INFORMATION:
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
CHARLES A. MUSERLIAN
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                                                                                              Length 177;
                                                                                            66.7%; Score 12; DB 9; Length 177 ilarity 83.3%; Pred. No. 8.3e+02; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                           Sequence 73, Application US/09899302;
APPLICANT: MAENTION: MAENTION;
APPLICANT: ROSSAU, RUDI; VAN HEUVERGWYN, HUGO TITLE OF INVENTION: ISOLATES
TITLE OF INVENTION: ISOLATES
TUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PILLING DATE:

APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL.1994
APPLICATION NUMBER: 027/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEFRONE, 120 661-8000
TELEFRONE; (212) 661-8000
TELEFRONE; (212) 661-8000
TELEFRAX: (212) 661-8002
TELEFRAX: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       POSITION IN GENOME:

MAP POSITION: 5' untranslated region
US-09-899-302-73
; POSITION IN GENOME:
; MAP POSITION: 5' untranslated region
US-09-899-302-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                              26 GGGTCCTGGAG 15
                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
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                                                                                            Query Match
Best Local Similarity
Matches 10; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ASCII
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                                                                                                                                                                                                                                                                                                                            RESULT 189
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                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                      Query Match 66.7%; Score 12; DB 9; Length 177; Best Local Similarity 83.3%; Pred. No. 8.3e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 72, Application US/09899302
| Patent No. US20020168626A1
| GENERAL INFORMATION:
| APPLICANT: MAERTENS, GEERT, STUTVER, LIEVEN;
| APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO;
| TITLE OF INVENTION: PROCESS FOR TYPING OF HCV;
| TITLE OF INVENTION: ISOLATES
| NUMBER OF SEQUENCES: 97
| CORRESPONDENCE ADDRESS: ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 36-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPAN: (212) 661-8000
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
INFORMATION SOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TTYPE: nucleic acid
STRANDEDNESS: single
                              TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: gb358
POSITION IN GENOME:
MAP POSITION: 5' untranslated region
US-09-899-302-70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: BIERMAN & MUSI
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                  1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                26 ĠĠĠrĊĊrĠĠĂĠ 15
          STRANDEDNESS: single
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MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: cam600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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26 GGGGTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IMMEDIATE SOURCE:
                                                                                                                       RESULT 191
US-09-899-302-75/c
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66.7%; Score 12; DB 9; Length 177;

Best Local Similarity 83.3%; Pred, No. 8.3e+02;

Matches 10; Conservative 2; Mismatches 0; Indels
    Pred. No. 8.3e+02;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                          US-09-899-302-74/c

Sequence 74, Application US/09899302

Sequence 74, Application US/09899302

Sequence 74, Application US/09899302

GENERAL INFORMATION:

APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN,
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
ITILE OF INVENTION: PROCESS FOR TYPING OF HCV
ITILE OF INVENTION: SOLATES

NUMBER OF SEQUENCES: 97

CORRESPONDENCE ADDRESS:
ADDRESSE: BIERMAN & WUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
COUNTY: USA

ZIP: 10016

COMPUTER: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PLOPSY GISK
COMPUTER: BEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PROMPATION:
COMPUTER: PROMPATION:
COMPUTER: PROMPATION:
COMPUTER: PLOPSY GISK
COMPUTER: PROMPATION:
COMPUT
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APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAMME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 661-8002
INPORMATION FOR EGO ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TTYPE: NULL 177 base pairs
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POSITION IN GENOME:
MAP POSITION: 5' untranslated region
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
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APPLICATION NUMBER: 09/378,900
83.3%;
                                         10; Conservative
                                                                                                                       1 GGGGUCCUGGAG 12
                                                                                                                                                                26 GGGTCCTGGAG 15
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3: cDNA
    Best Local Similarity
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CLASSIFICATION:
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Sequence 75. Application US/09899302
Patent No. US20020168626A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: MAERTENS,
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STATE: NEW YORK
CITY: NEW YORK
STATE: NEW YORK
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83.3%; Pred. No. 8.3e+02;
tive 2; Mismatches 0;
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APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-JUL-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATE: 37-NOV-1992
ATJORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 10016
COMPUTER READBABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
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TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 75
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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RESULT 192 US-09-899-302-76/c

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Length 177;
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Sequence 78, Application US/09899302
Sequence No. US20020168626A1
GENERAL INFORMATION:
APPLICANT: MASHTENS, GERT; STUYVER, LIEVEN;
TILLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV TITLE OF INVENTION: ISOLATES WUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS: ADDRESSES: BIERMAN & MUSERLIAN STREET: 600 THIRD AVENUE CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-UUL-1994
APPLICATION NUMBER: 06/256,568
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA: 26-NOV-1993
PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: 87-1010 DATE: 31-AUC-1993
PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ 120,007
TELECOMMUNICATION FOR SEQ 120,007
TELECOMMUNICATION FOR SEQ 10 NOC: 77:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 83.3
Matches 10; Conservative
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: CDNA IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LIBRARY: be97
POSITION IN GENOME:
                                                                                                                                                               NEW YORK
                                                                                                                                                                                         USA
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US-09-899-302-78/c
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US-09-899-302-77
                                                                                                                                                                                      COUNTRY:
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Sequence 76, Application US/09899302
Patent No. US20020168626A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: PROCESS
ONNBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
COUNTRY: NEW YORK
STATE: NEW YORK
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Patent No. US20020168626A1
GENERAL INFORMATION:
APPLICANT: MARRTENS, GEERT; STUXVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION WIMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA: APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 37-NOV-1992
ATTORNER: 27-NOV-1992
ATTORNER: 27-NOV-1992
ATTORNER: 27-NOV-1992
ATTORNER: AN WISERLIAN
REGISTRATION NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ ID NO: 76:
SEQUENCE CHRRACTERISTICS:
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POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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US-09-899-302-77/c
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| Sequence 80, Application US/09899302
| Patent No. US20020168626A1
| GENERAL INFORMATION:
| APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
| APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
| TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
| TITLE OF INVENTION: ISOLATES
| NUMBER OF SEQUENCES: 97
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: BIERNAN & MUSERLIAN
| STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Mismatches
                                                                                                                                                                                                                              APPLICATION NUMBER: 09/3/8/900
FILING DATE: 19 4. JUL-1994
APPLICATION NUMBER: 08/256,568
FILING DATE: 19 4. JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                                                                                   SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                             FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (212) 661-8002
INFORMATION FOR SEQ 1D NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
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ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRAIN TOOLOGY: linear MOLECULE TYPE: CDN IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 79, Application US/09099302
Patent No. US20020168626A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO;
ITILE OF INVENTION: PROCESS FOR TYPING OF HCV
ITILE OF INVENTION: SOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STRIE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: 08/256,568
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATONEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REEREROE/DOCKET NUMBER: 19,683
REEREROE/DOCKET NUMBER: 19,083
TELEPAX: (212) 661-8000
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTER STICS:
LENGTH: 177 base pairs
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTER STICS:
LENGTH: 177 base pairs
TELEPAX: 11 nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   POSITION IN GENOME: MAP POSITION: 5' untranslated region
                                                                                                                                                                                      SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
                                                                              ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: be95
                                        NEW YORK
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 195
US-09-899-302-79/c
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                                                              COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN; ROSAD, RUDI; VAN HEUVERSWYN, HUGO TITLE OF INVENTION: PROCESS FOR TYPING OF HCV NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   66.7%; Score 12; DB 10;
83.3%; Pred. No. 8.3e+02;
tive 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLONE: be82 (also referred to as be99)
POSITION IN GENOME:
MAP POSITION: 5. untranslated region
SEQUENCE DESCRIPTION: SEQ ID NO: 61:
                      FILING DATE: «Unknown»
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-NG-1993
APPLICATION NUMBER: EF/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: «Unknown»
APPLICATION WUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION WUMBER: EP/93/402,129.6
FILING DATE: 31-ACG-11993
APPLICATION WUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCIL
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-U1-2001
CLASSIFICATION - CURROWN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                               NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 09/378,900
APPLICATION NUMBER: 09/378,900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
CINTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM IYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 67, Application US/09899044
; Publication No. US20030036053A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 66.7
Best Local Similarity 83.3
Matches 10, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-899-044-67/c
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83.3%; Pred. No. 8.3e+02;
.ive 2; Mismatches 0; Indels
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Publication No. US20030036053A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                                                                          PILLING DATE:
PILLING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: 0ET/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
PLING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELEPHONE: (212) 661-8000
TELEPHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: «UNKNOWN»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 97
CORRESSONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             POSITION IN GENOME:
MAP POSITION: 5' untranslated region
                           US/09/899,302
                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
    CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 66.7
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      26 GGGGTCCTGGAG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IMMEDIATE SOURCE:
CLONE: be98
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Gaps

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Score 12; DB 10; Length 177;
Pred. No. 8.3e+02;
2; Mismatches 0; Indels
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Publication No. US20030036053A1
GENERAL INPORMATION:
APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
INDER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: (UNKNOWN)
PILING DATE: (UNKNOWN)
PILING DATE: (UNKNOWN)
PILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 31-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,683
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                   5' untranslated region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-0ul-2001
CLASSIFICATION: «UNKNOWN»
PRIOR APPLICATION DATA:
                                                                                                                             CLOME: SDING
POSITION IN GENOME:

MAP POSITION: 5' untranslated r.

SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-899-044-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 600 THIRD AVENUE CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
                      LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                   66.7%;
SEQUENCE CHARACTERISTICS
                                                                                 TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 83.3
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                  26 GGGTCCTGGAG 15
                                                                                                                                                                                                                                                                                                                                                                              1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 66.7%; Score 12; DB 10; Length 177; Best Local Similarity 83.3%; Pred. No. 8.3e+02; Matches 10; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-094-68/c

Sequence 68, Application US/09899044

Publication No. US200036053A1

GENERAL INFORMATION:

APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;

ROSSAU, RUDI; VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: PROCESS FOR TYPING OF HCV

ISOLATES

NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
COUNTRY: USA
IP: 10016
COMPUTER: Flopsy disk
COMPUTER: Flopsy disk
COMPUTER: Flopsy disk
COMPUTER: Flopsy disk
COMPUTER: EACII
CURRAT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FLING DATE: 06-Jul-2001
CLASSIFICATION - CURROWN>
PRIOR APPLICATION OWNER: 1893/03325
FLING DATE: 26-NOV-1993
APPLICATION NUMBER: PE/93/03325
FLING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FLING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/93/403,222.0
                                                                                                                                                                                                                                                                                                                              CLONE: gb48

POSITION IN GENOME:

MAP POSITION: 5' untranslated region

SEQUENCE DESCRIPTION: SEQ ID NO: 67:

US-09-899-044-67
                  NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19, 683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
INFORMATION FOR SEQ ID NO: 68:
  ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GGGGUCCUGGAG 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             26 GGGTCCTGGAG 15
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